

FIG. 1

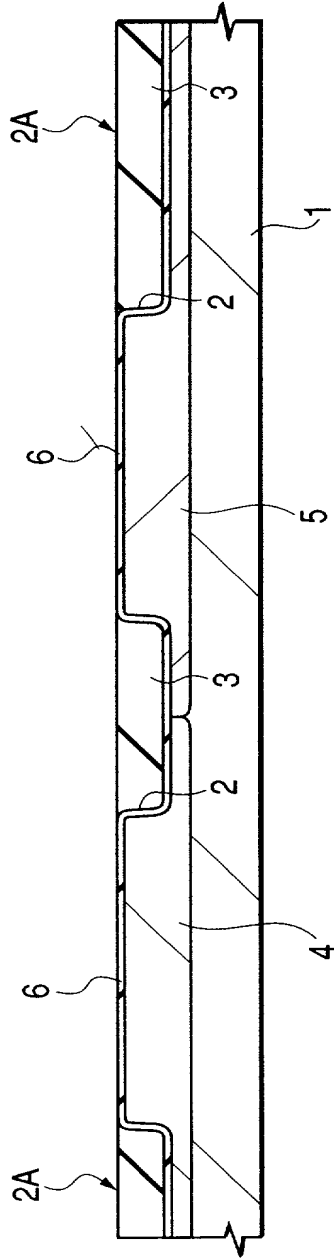


FIG. 2

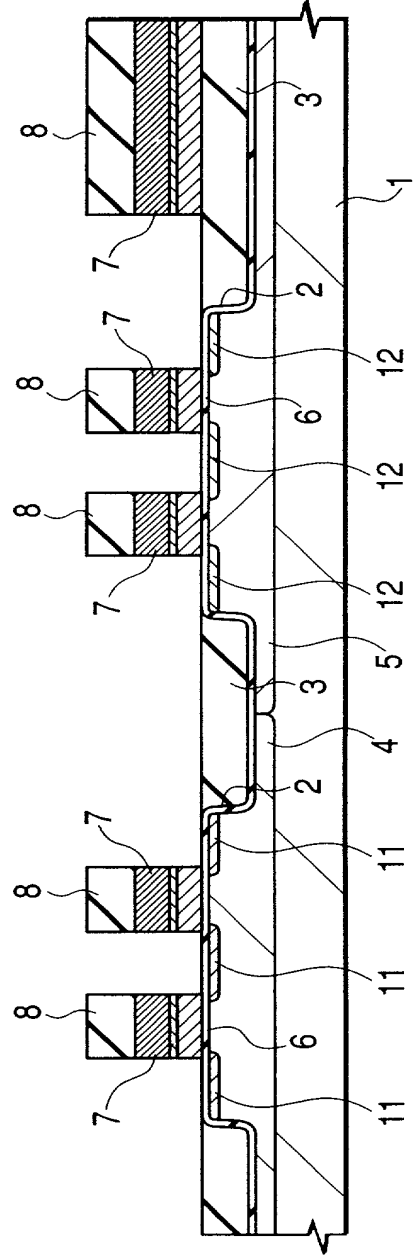


FIG. 3

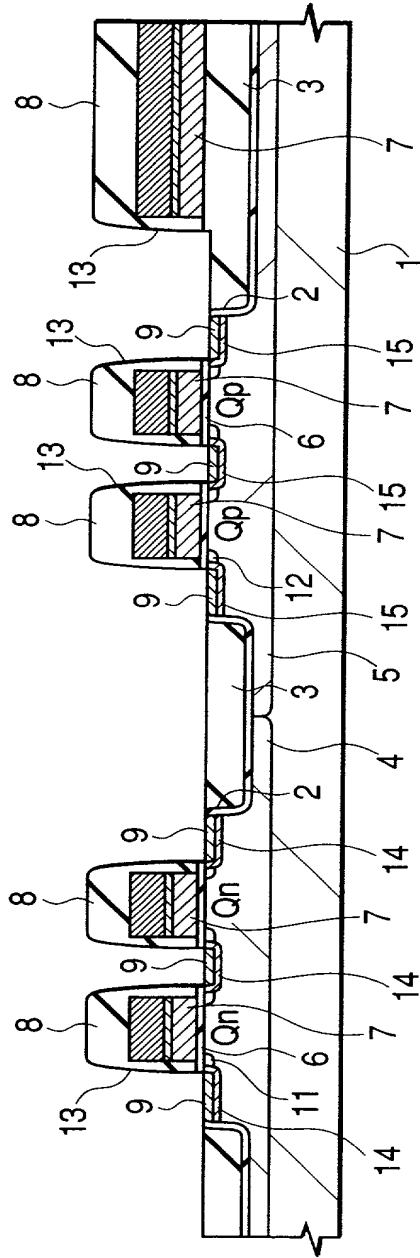


FIG. 4

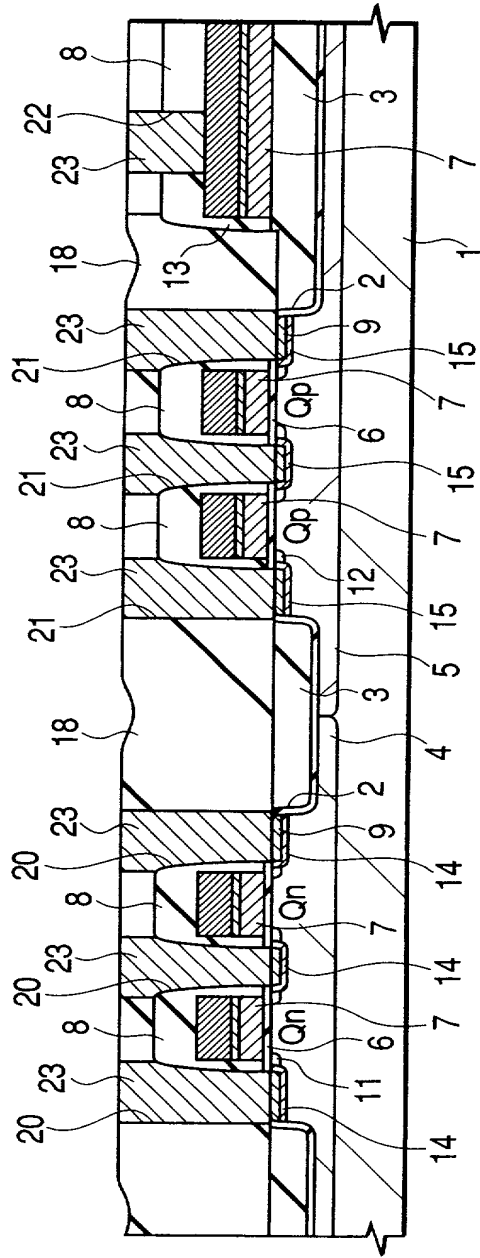
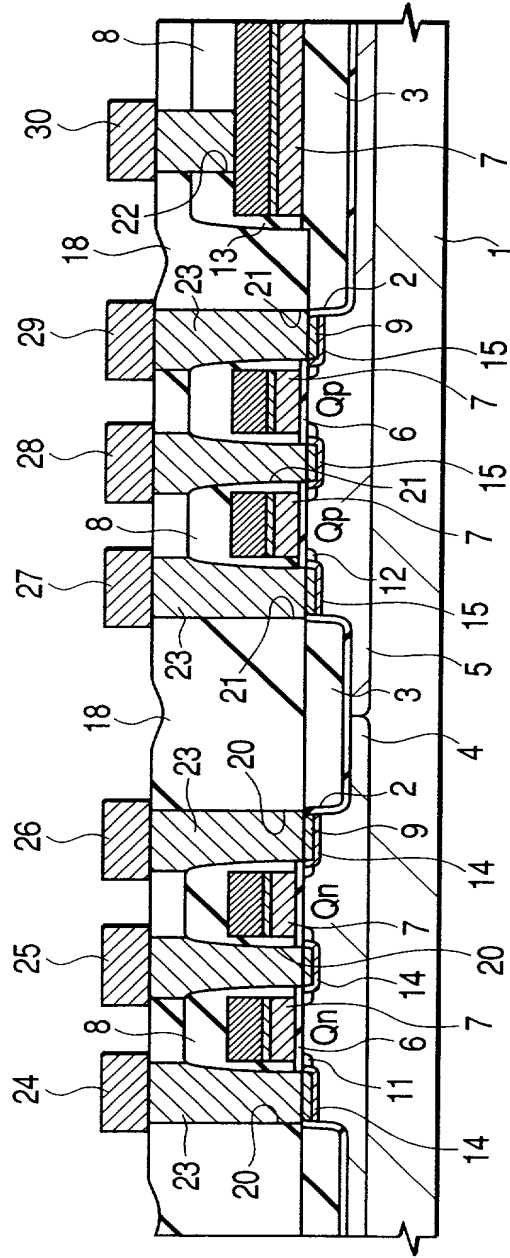


FIG. 5



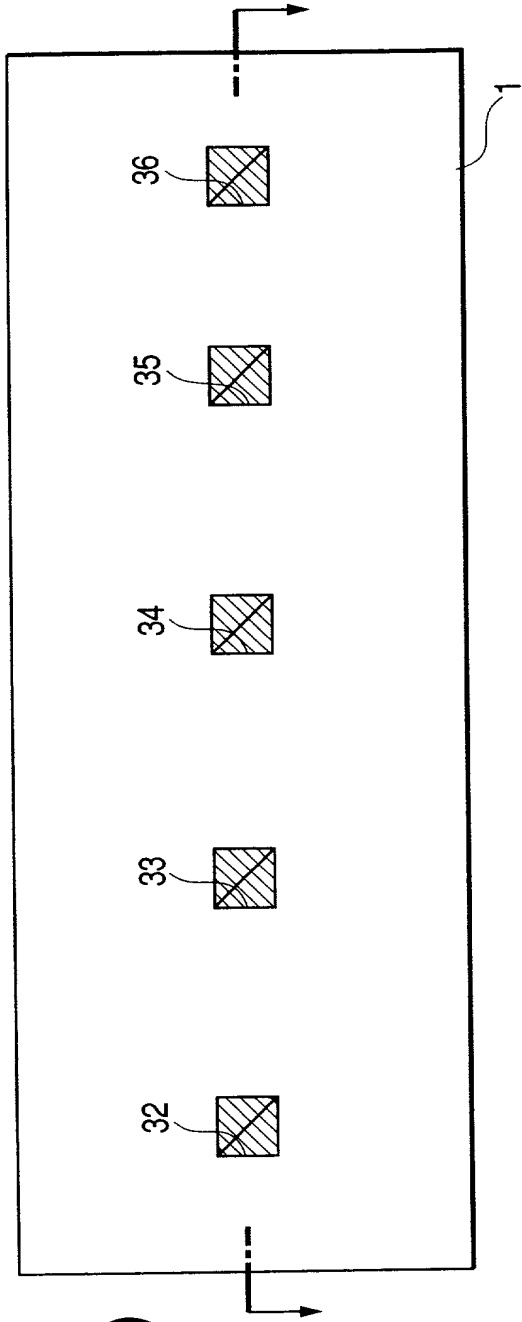


FIG. 6(b)

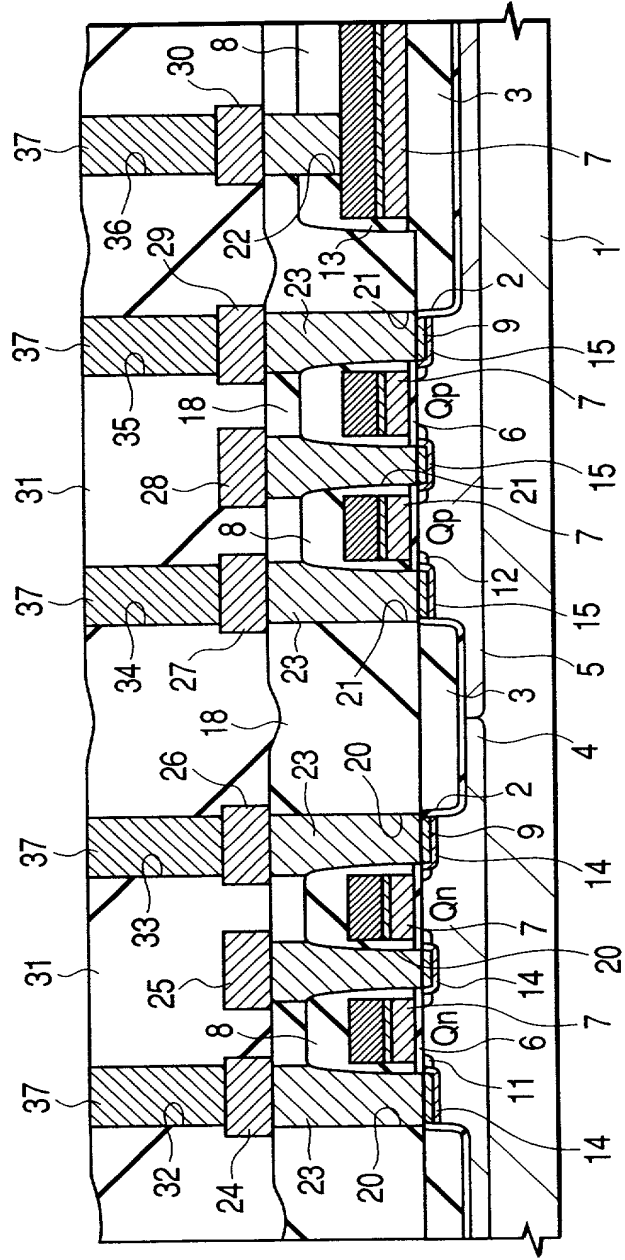


FIG. 7(a)

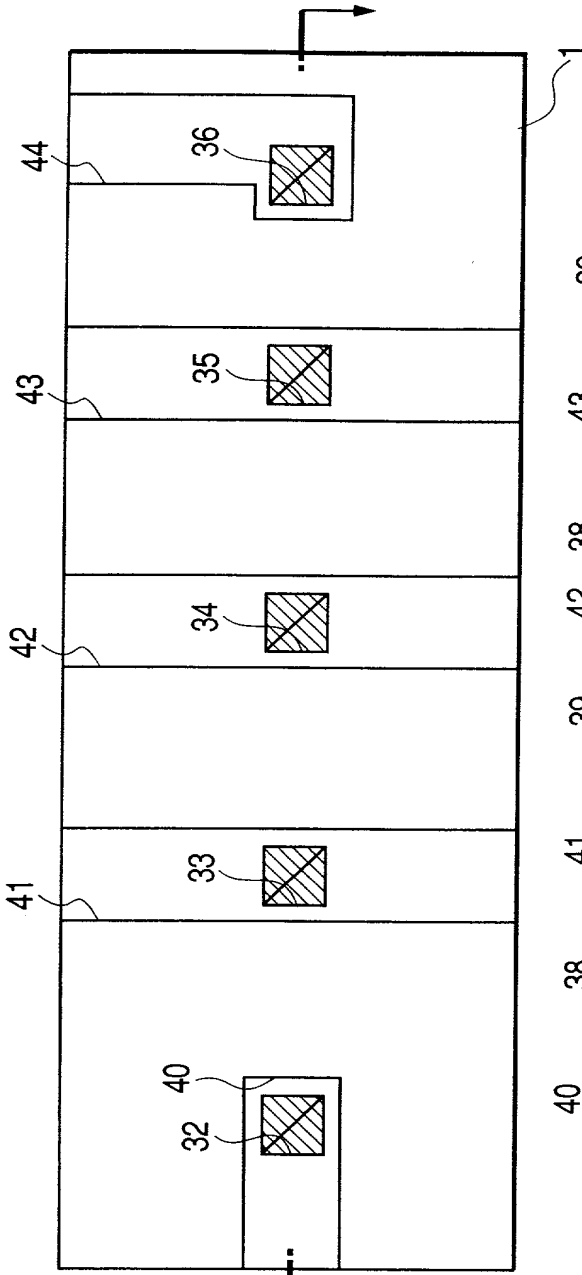


FIG. 7(b)

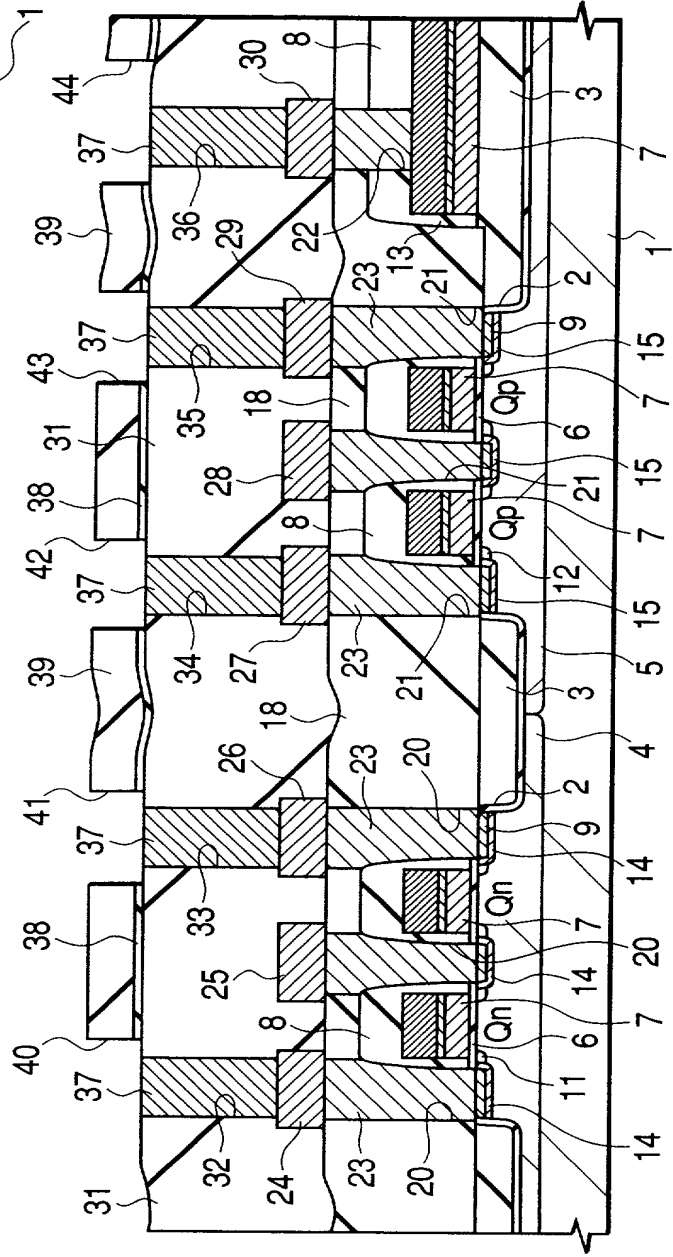


FIG. 8

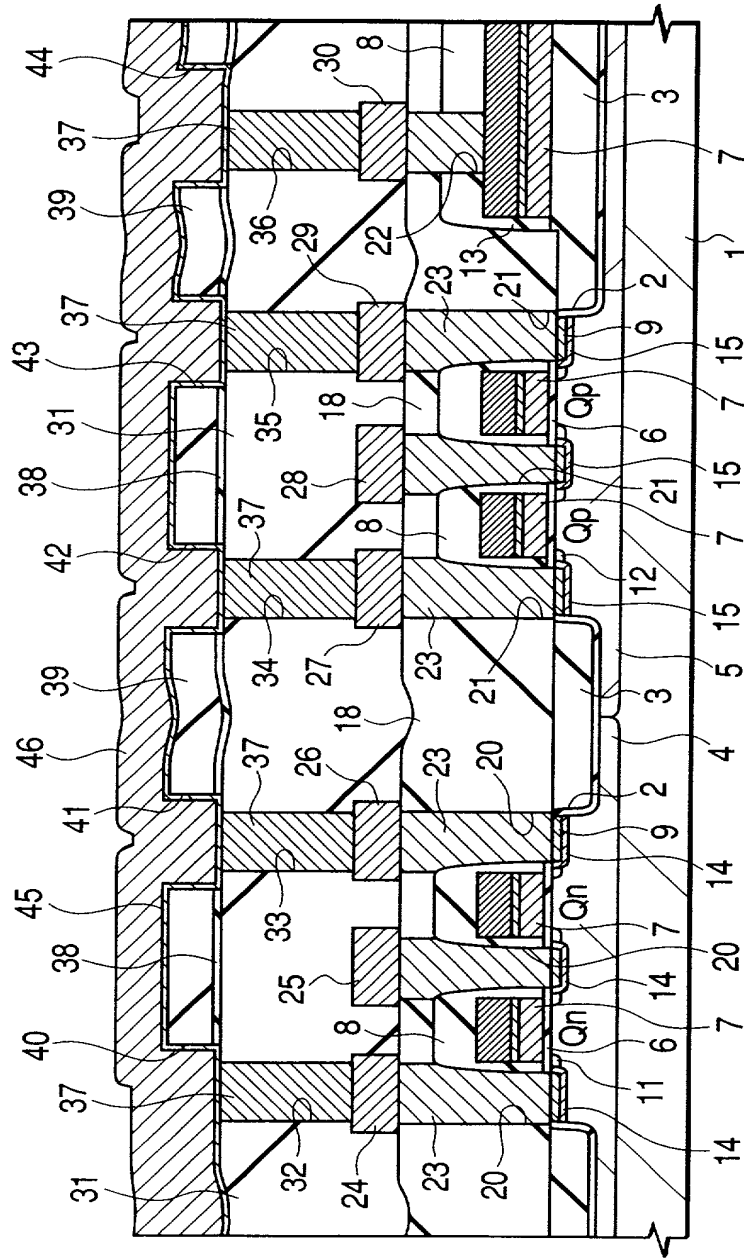


FIG. 9

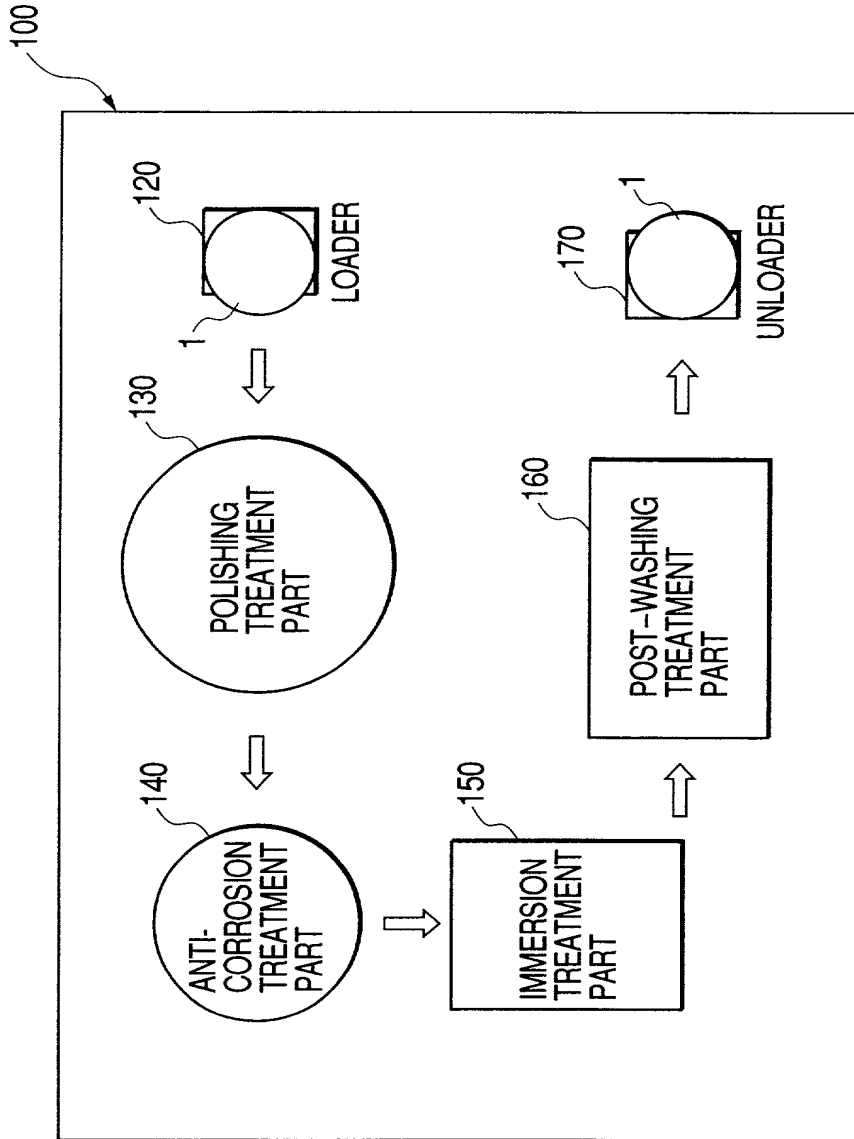


FIG. 10

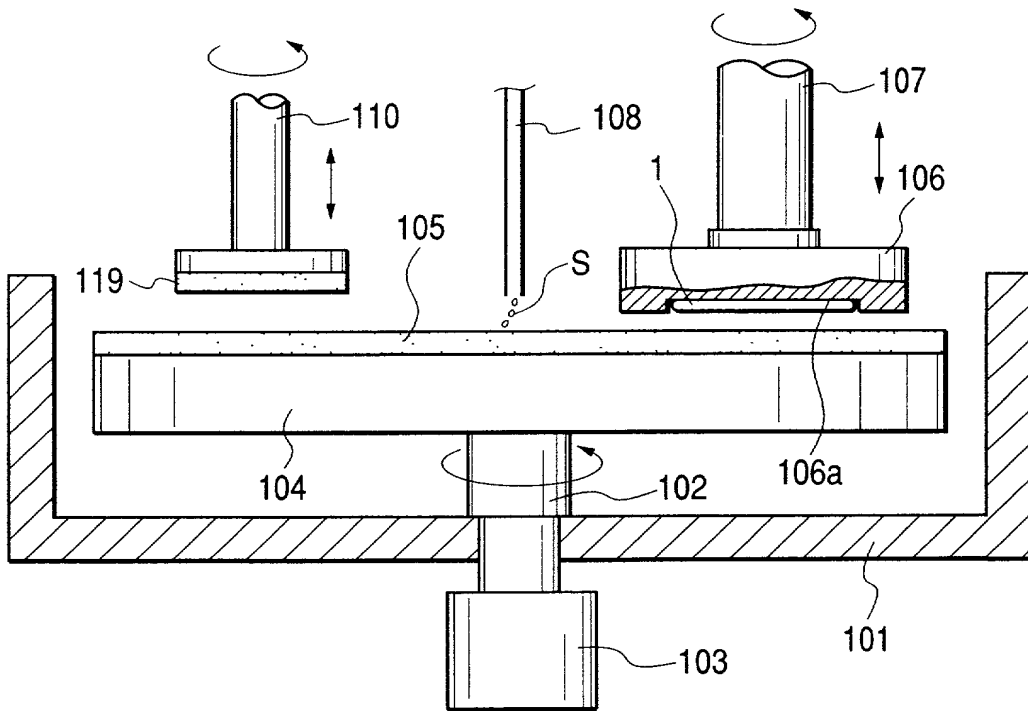


FIG. 11

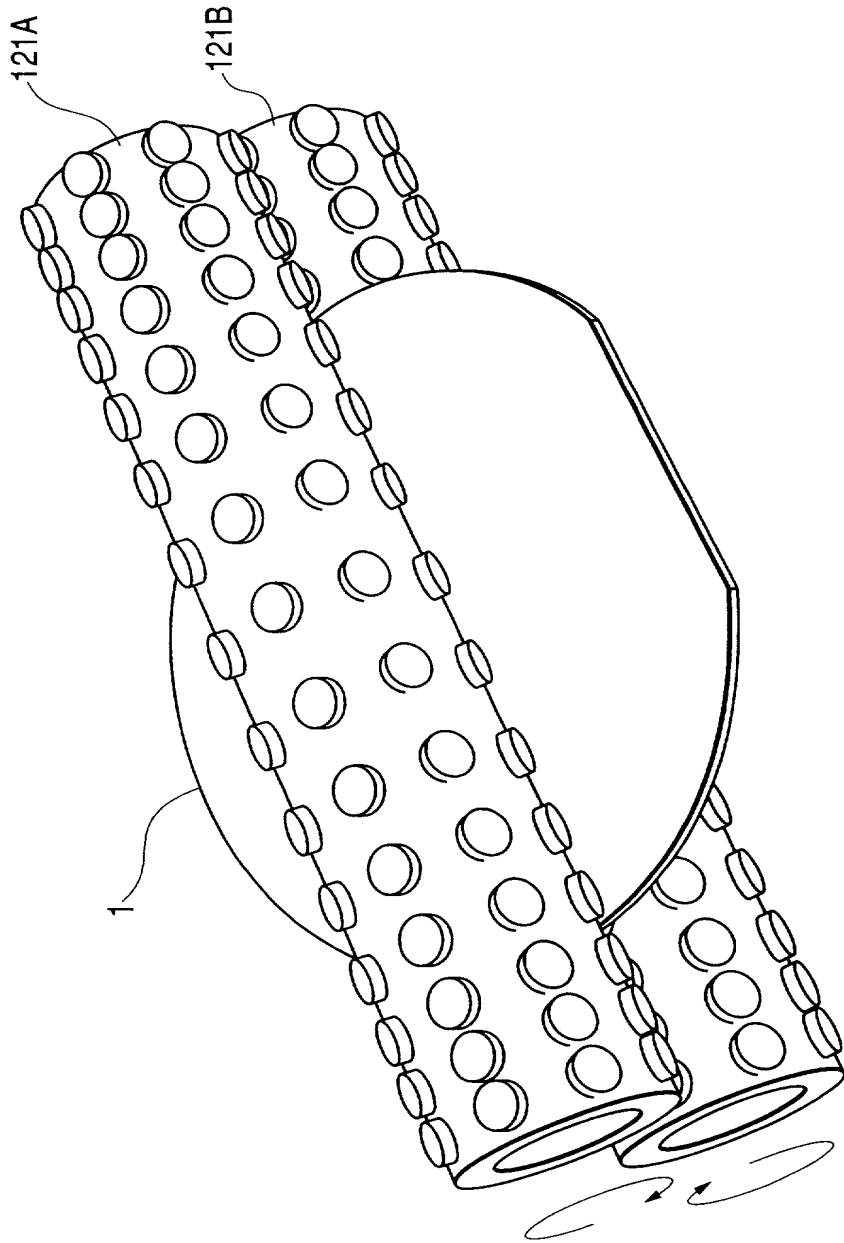


FIG. 12

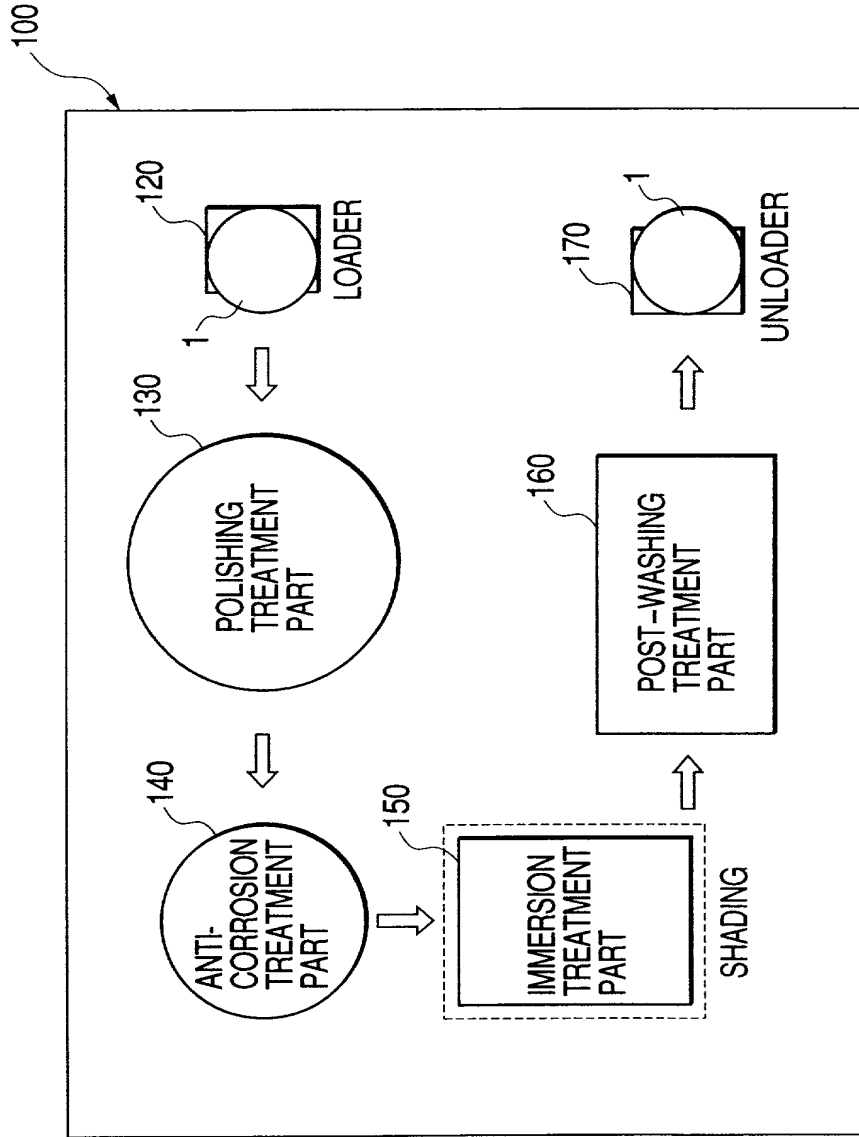


FIG. 13

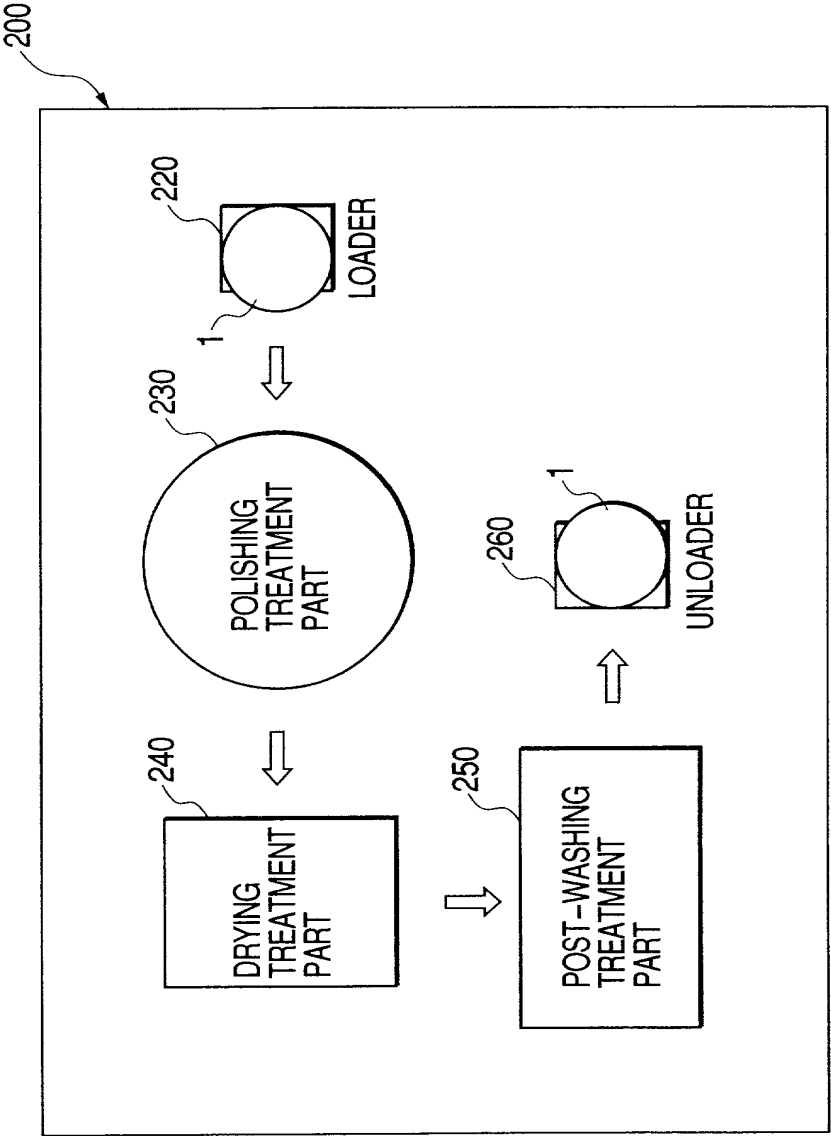


FIG. 14

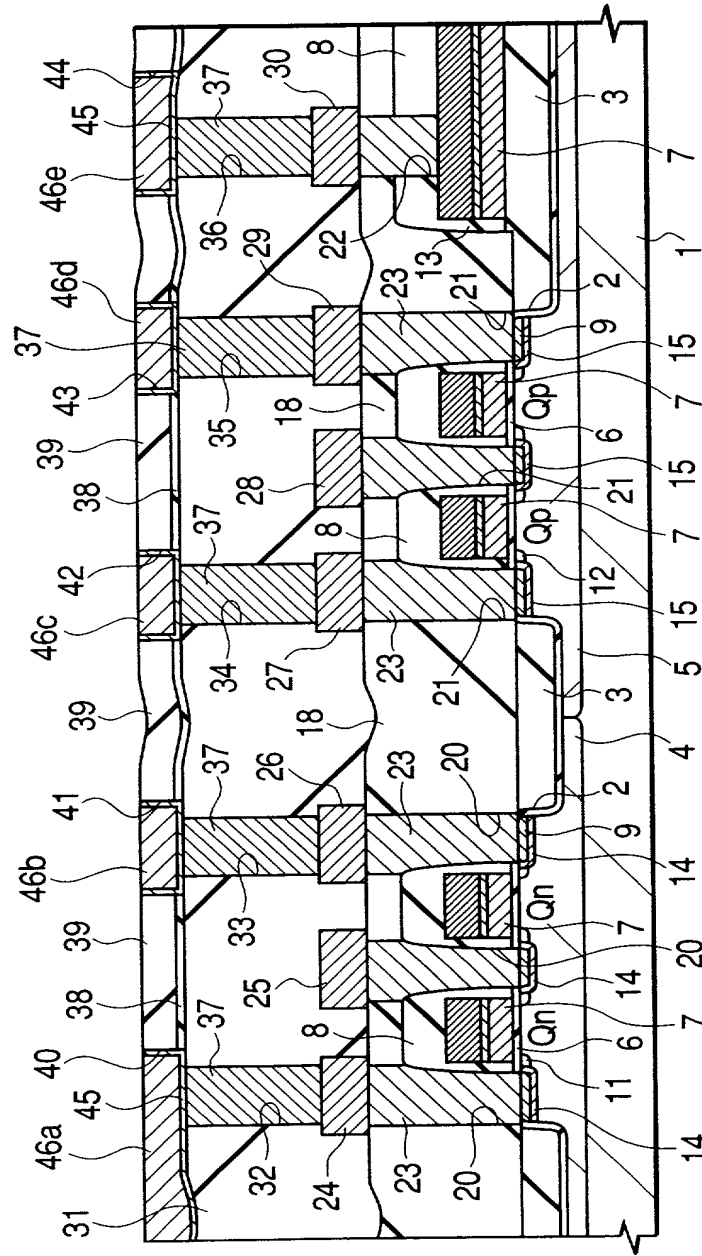


FIG. 16

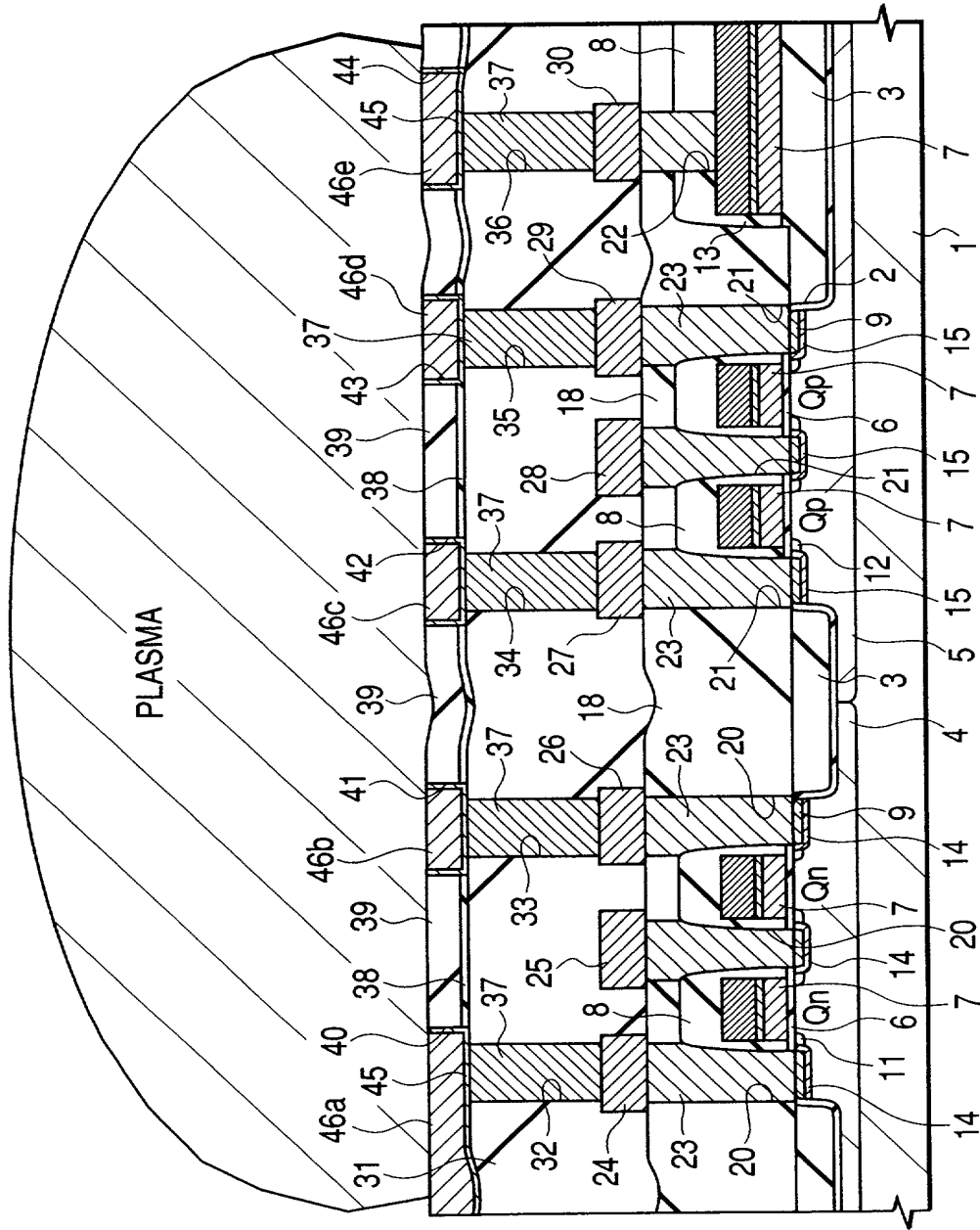


FIG. 17

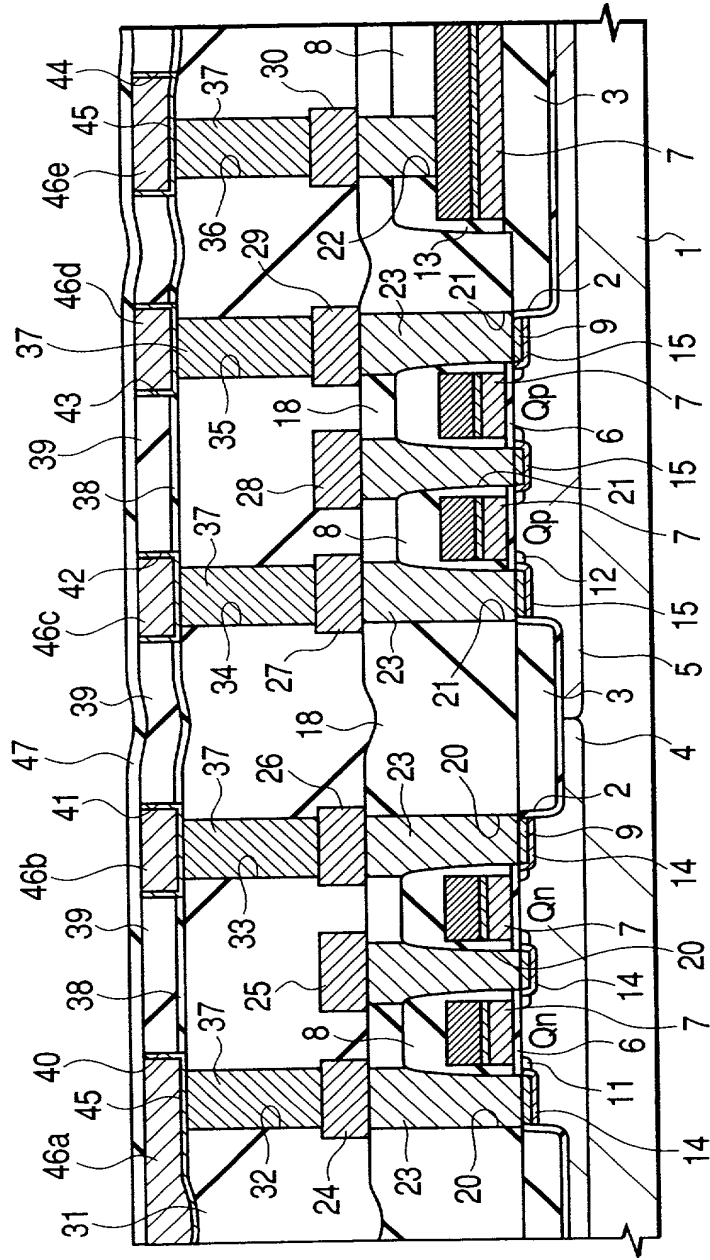


FIG. 18

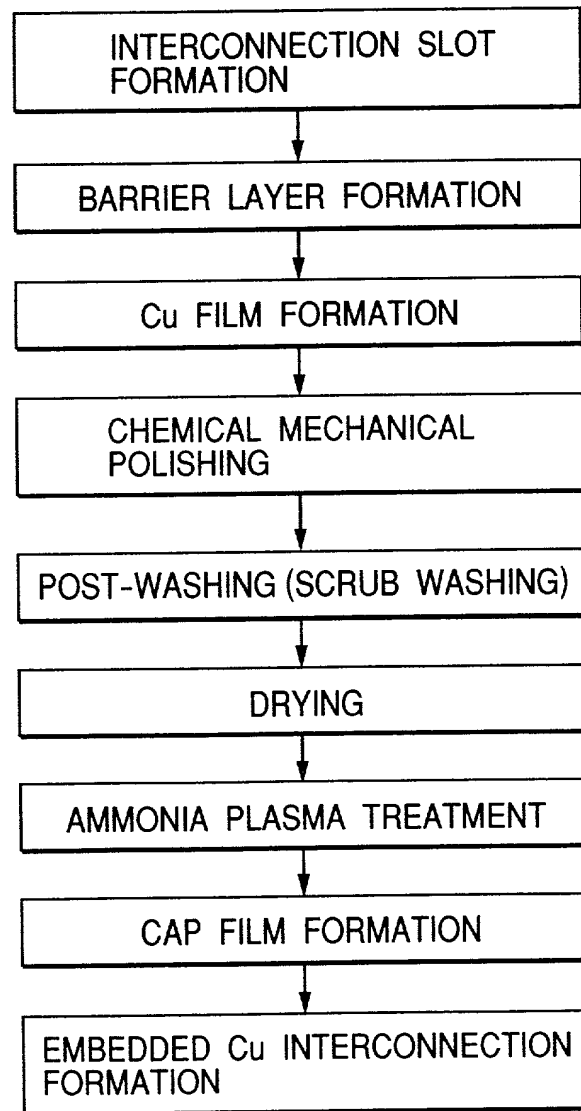


FIG. 19

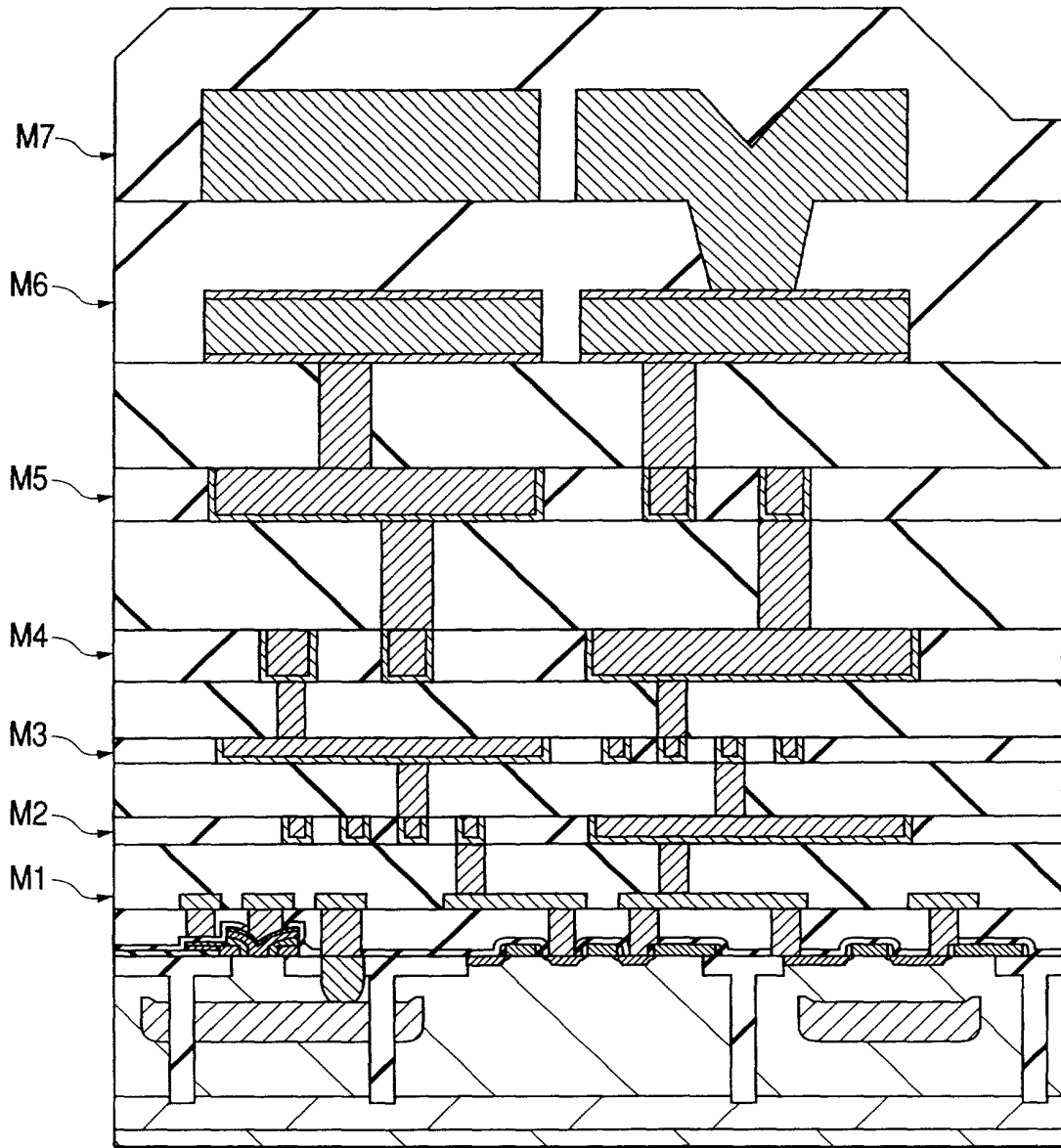


FIG. 20

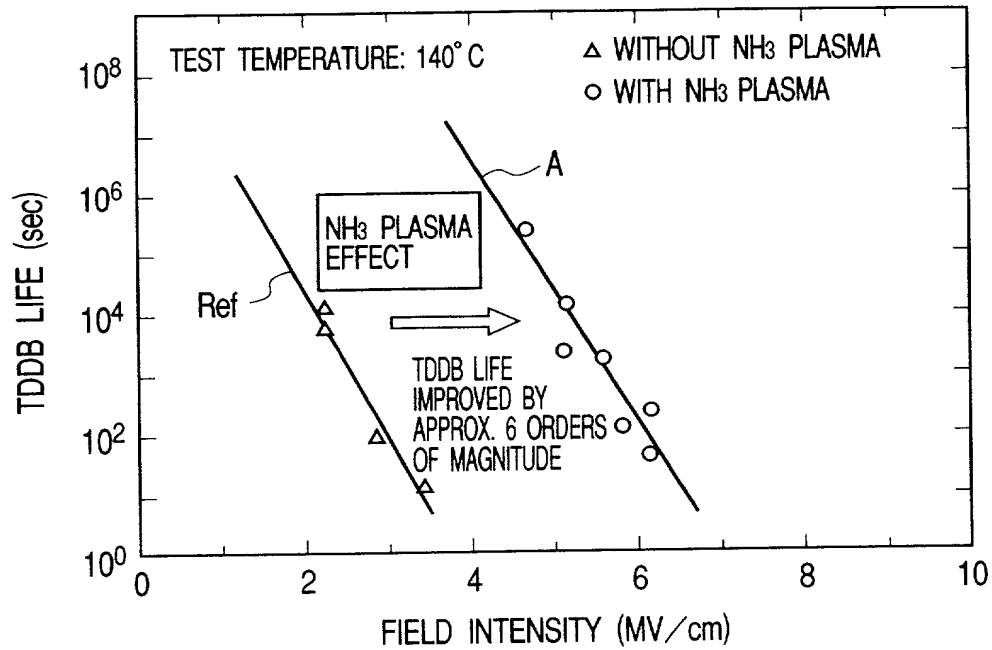


FIG. 21

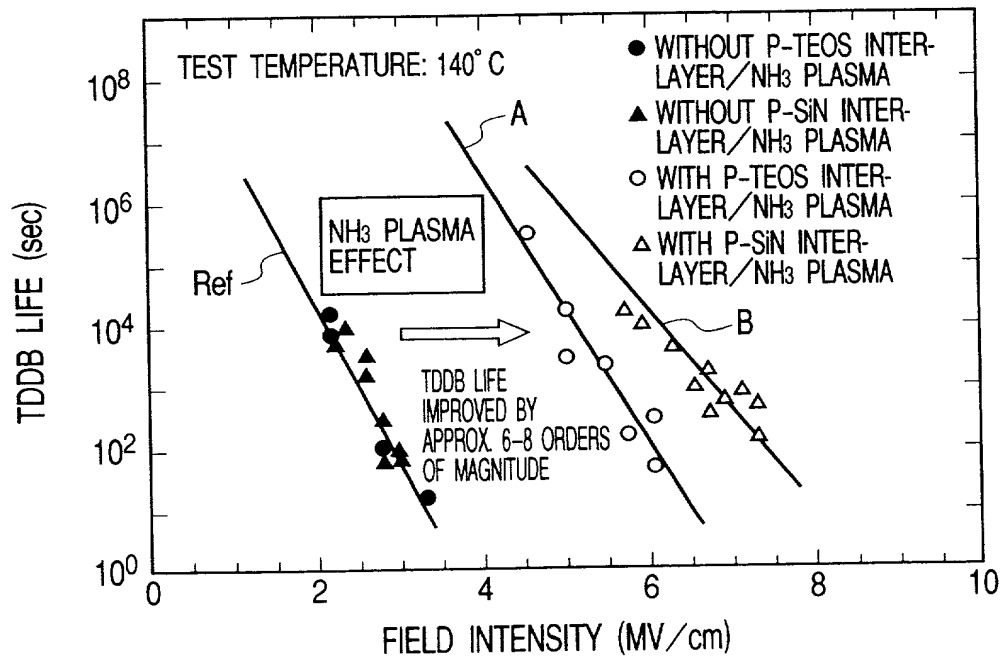


FIG. 22(a)

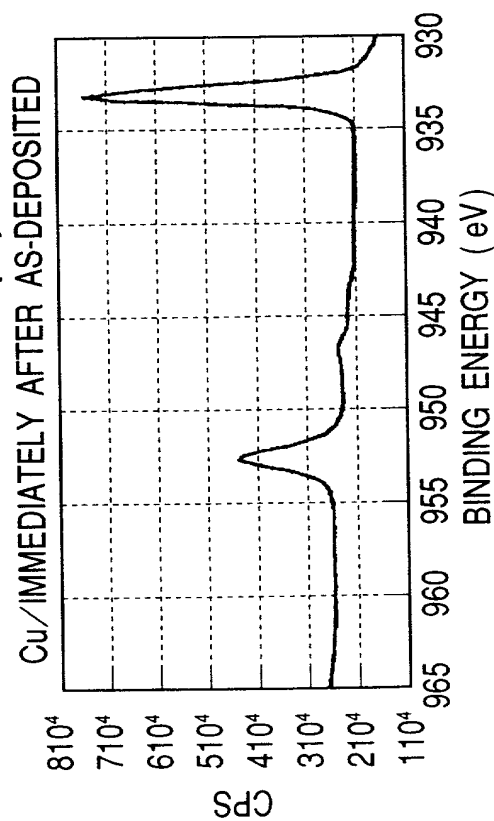


FIG. 22(b)

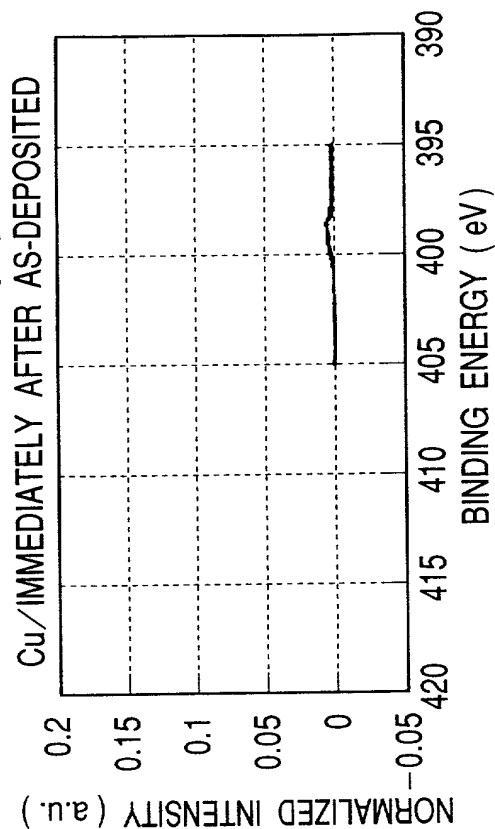


FIG. 22(c)

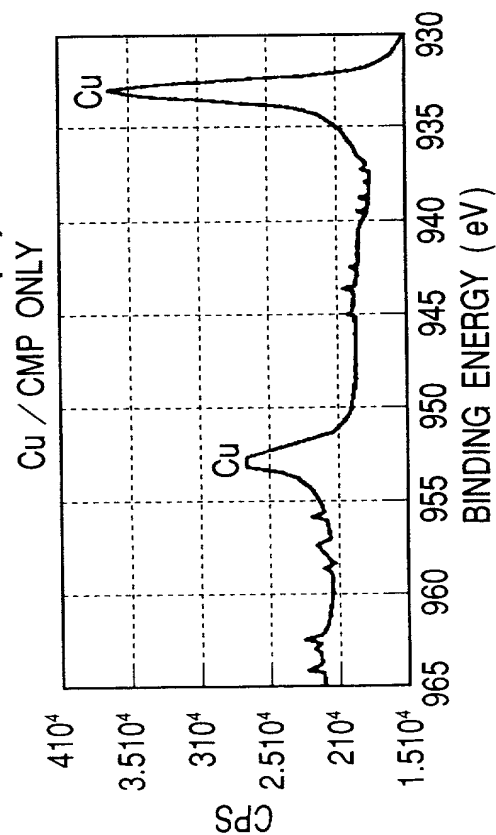


FIG. 22(d)

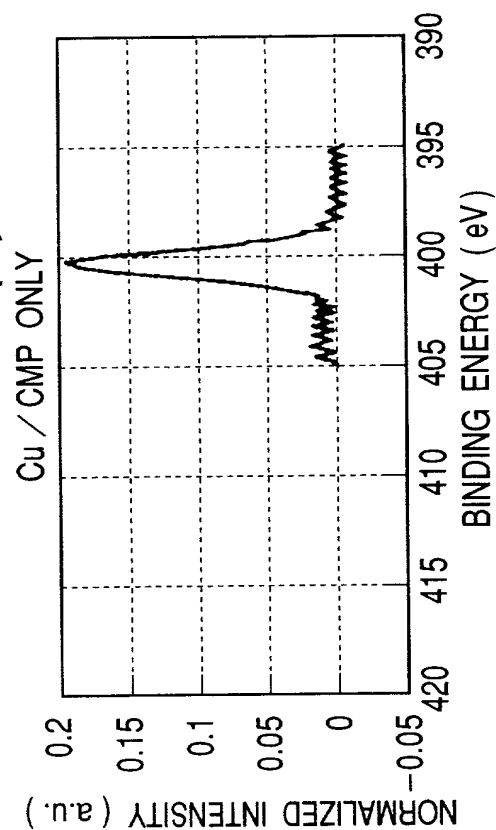


FIG. 23(a)

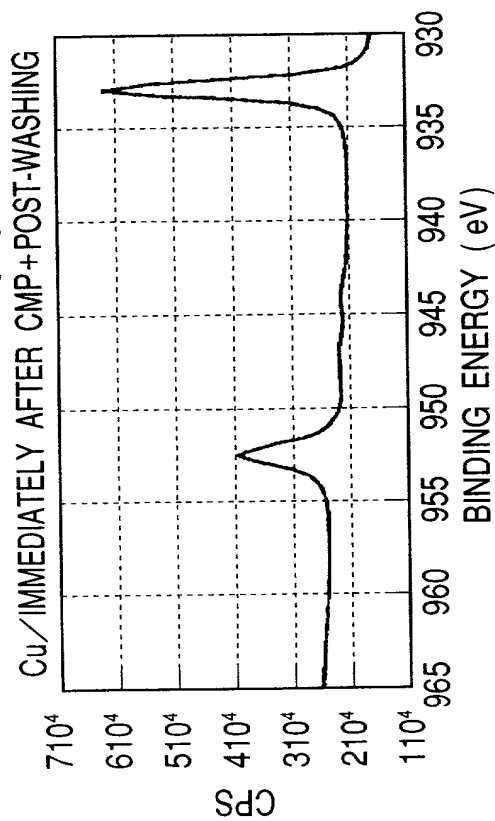


FIG. 23(b)

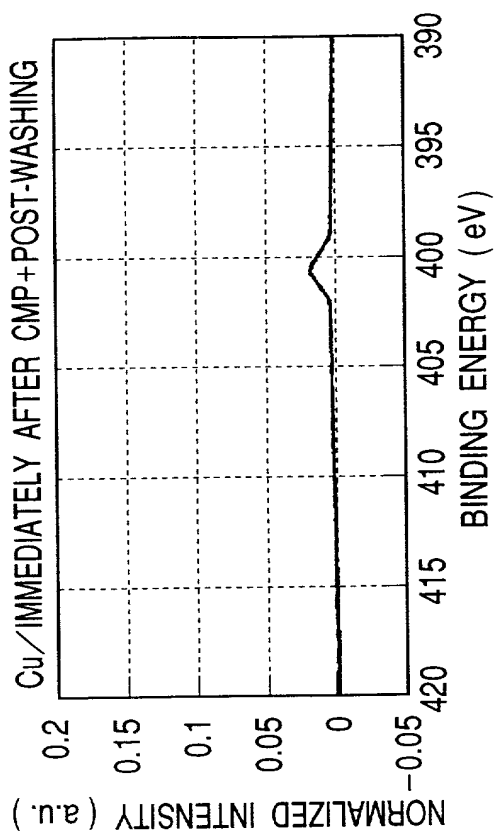


FIG. 23(c)

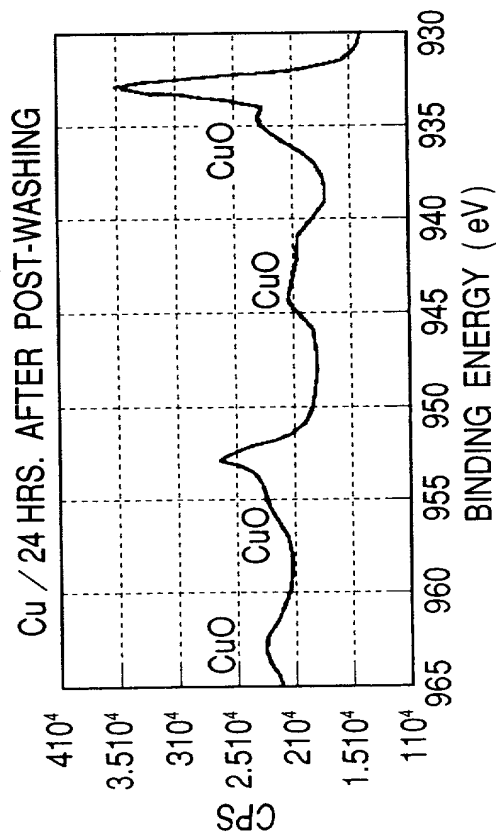


FIG. 23(d)

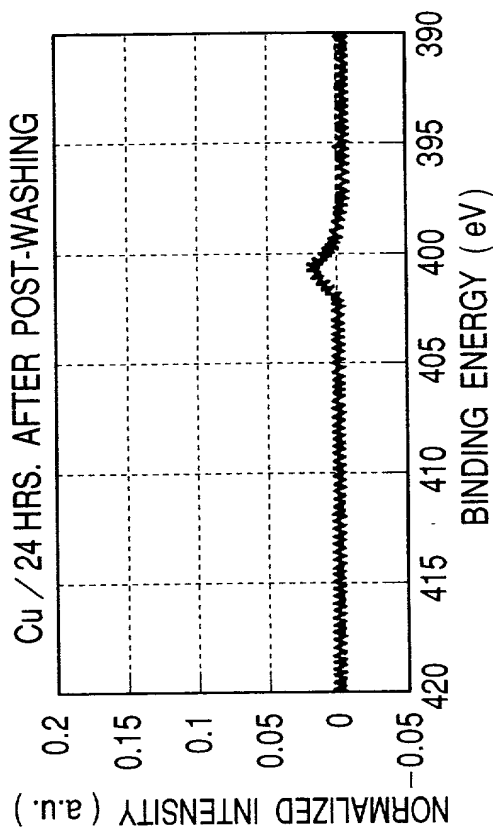


FIG. 24(a)

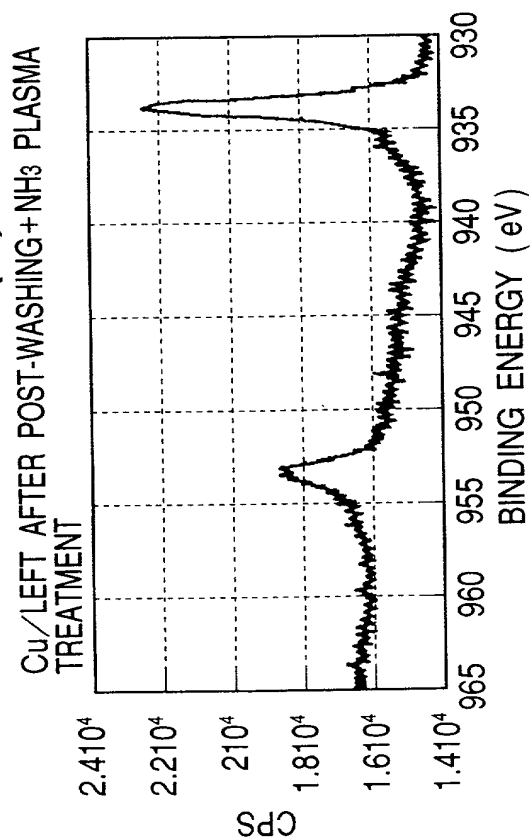


FIG. 24(b)

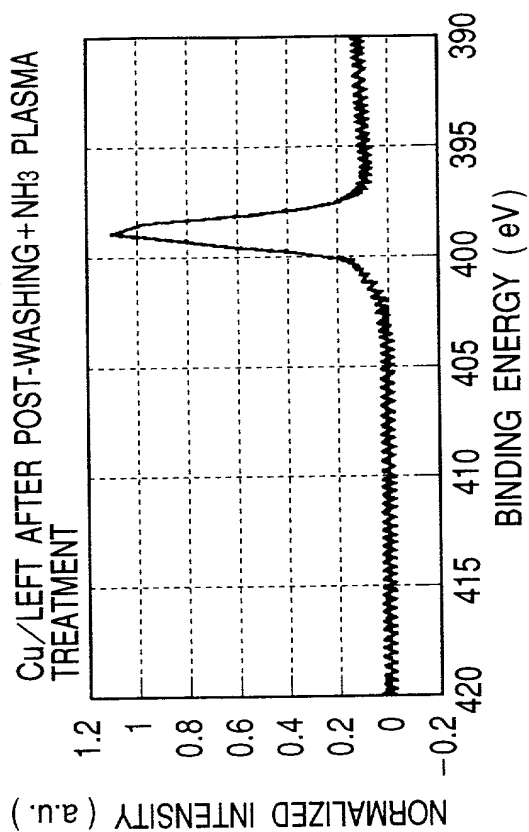


FIG. 24(c)

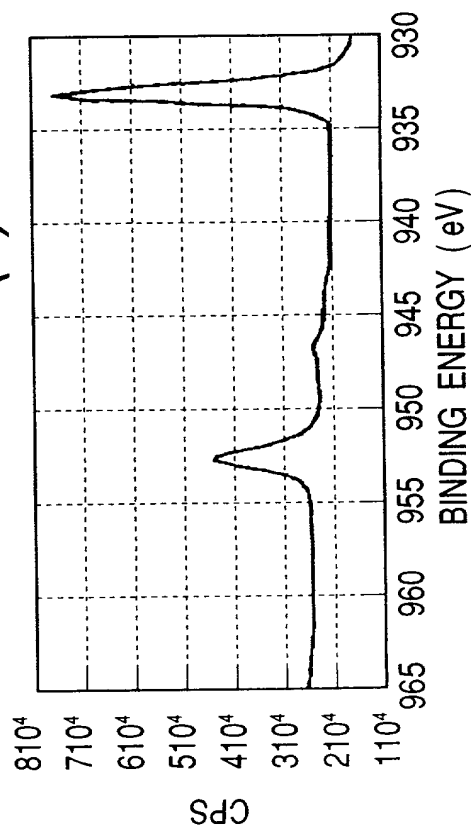


FIG. 24(d)

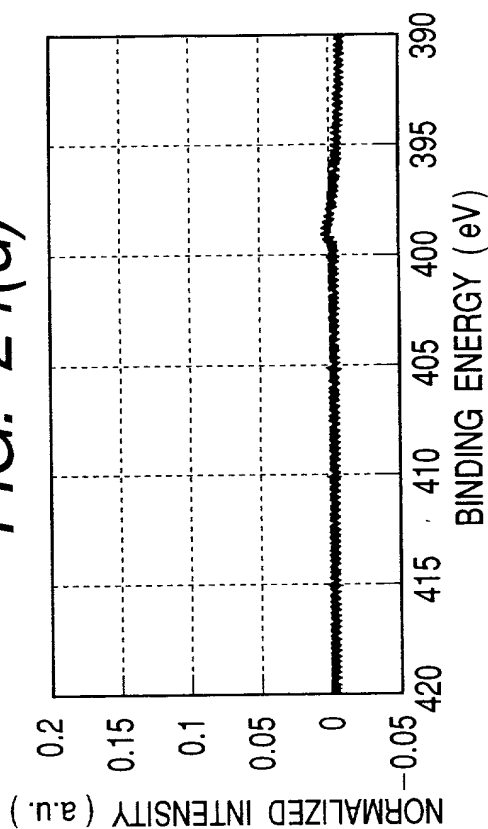


FIG. 25(a)

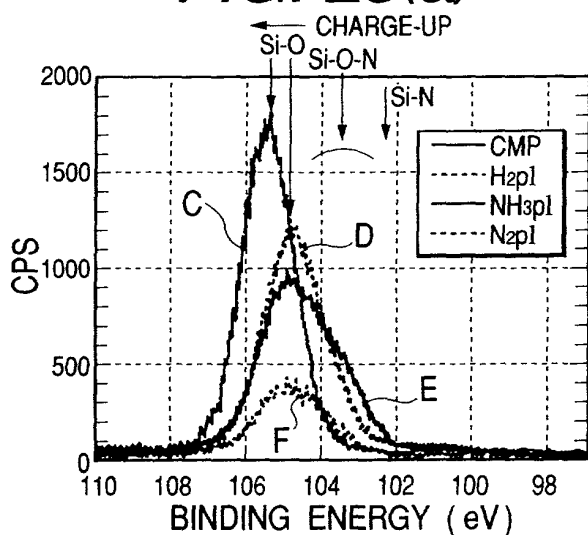


FIG. 25(b)

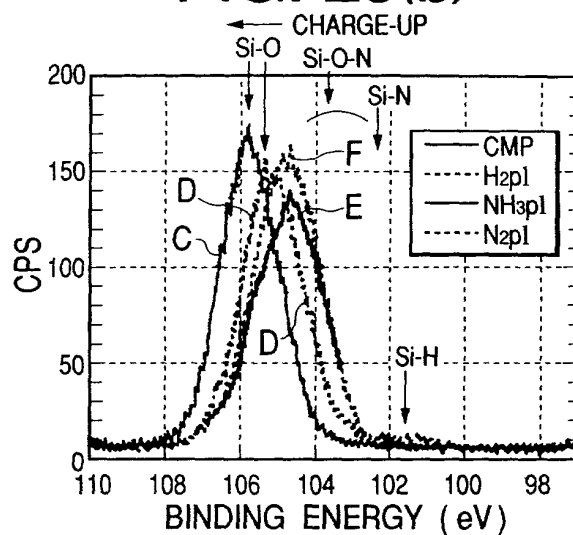


FIG. 25(c)

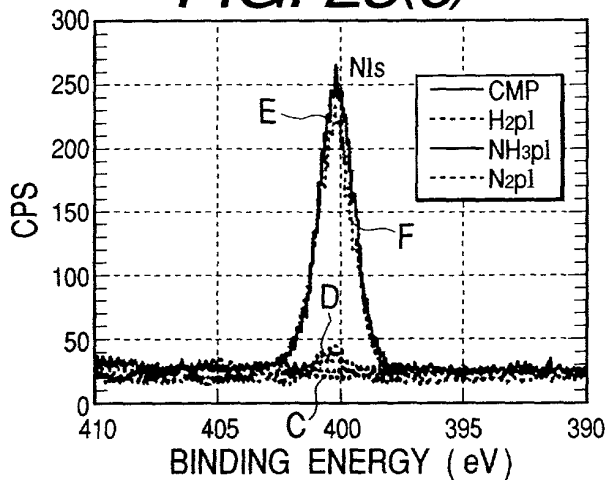


FIG. 25(d)

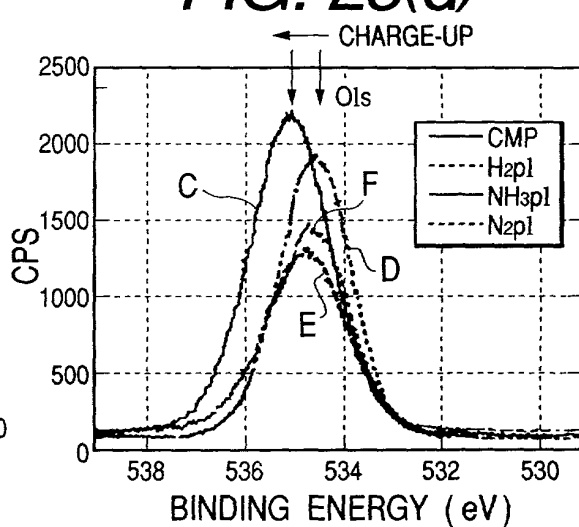


FIG. 25(e)

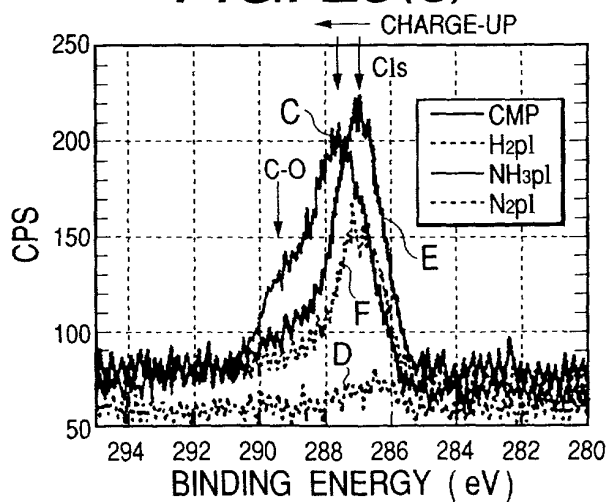
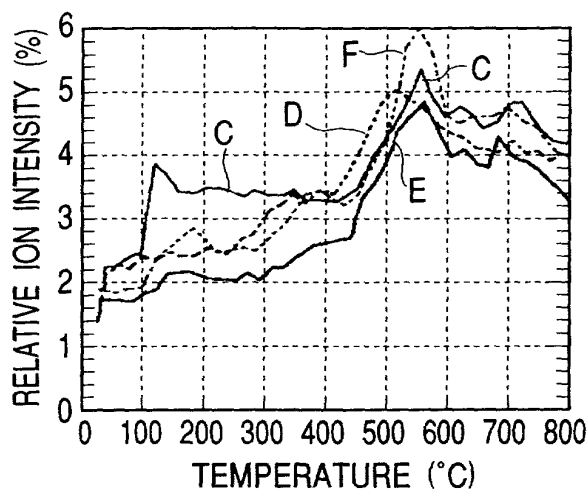


FIG. 25(f)

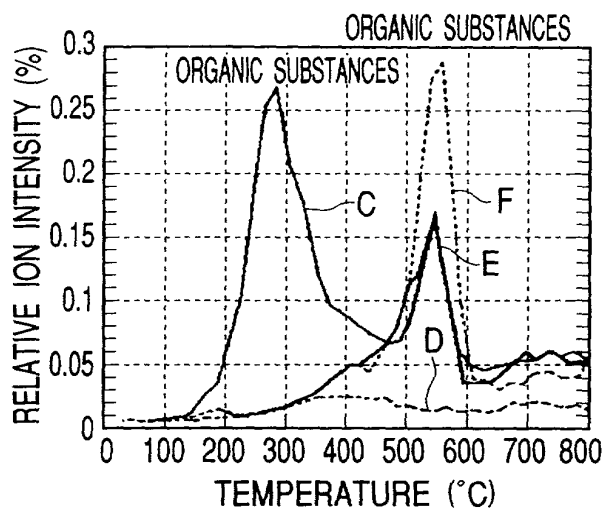
CONDITION	Si3Nx
CMP	—
H2p1	Si3N1.08
NH3p1	Si3N4.22
N2p1	Si3N3.81

FIG. 26(a)



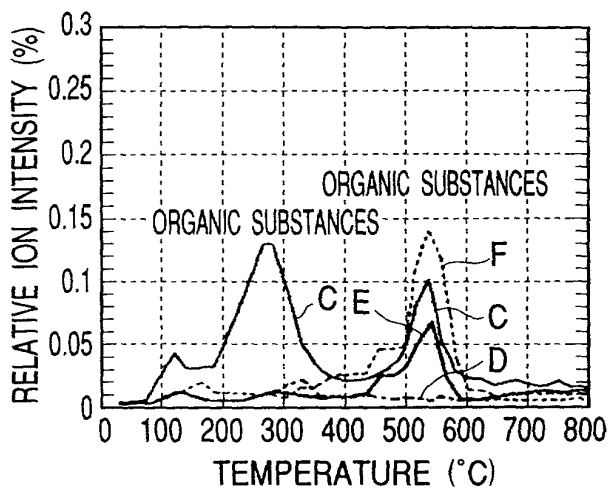
THERMAL DISSOCIATION OF HYDROGEN,
Ar-H $m/z=41$

FIG. 26(b)



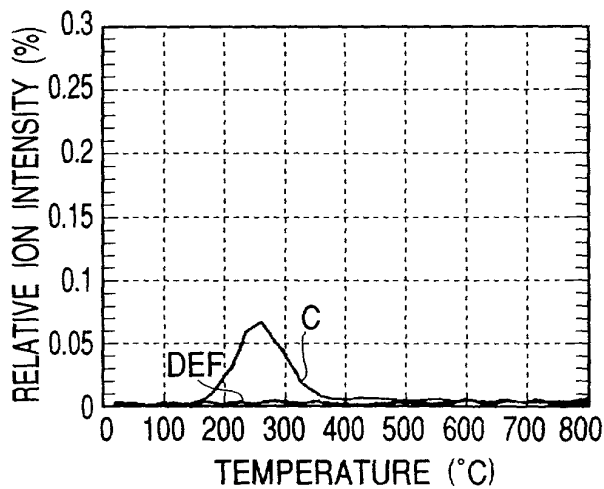
THERMAL DISSOCIATION OF ORGANIC
SUBSTANCES,
A(CnH2n-1) C2H3 $m/z=27$

FIG. 26(c)

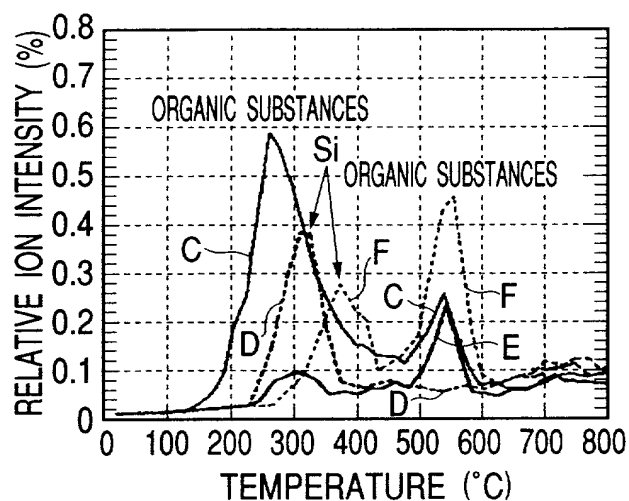


THERMAL DISSOCIATION OF ORGANIC
SUBSTANCES,
B(CnH2n+1) C4H9 $m/z=57$

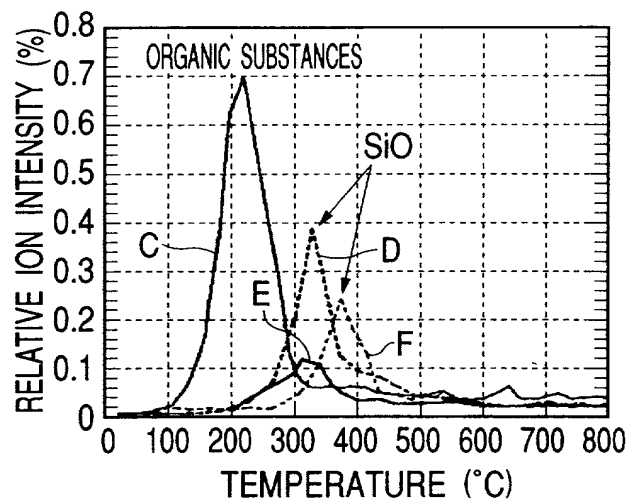
FIG. 26(d)



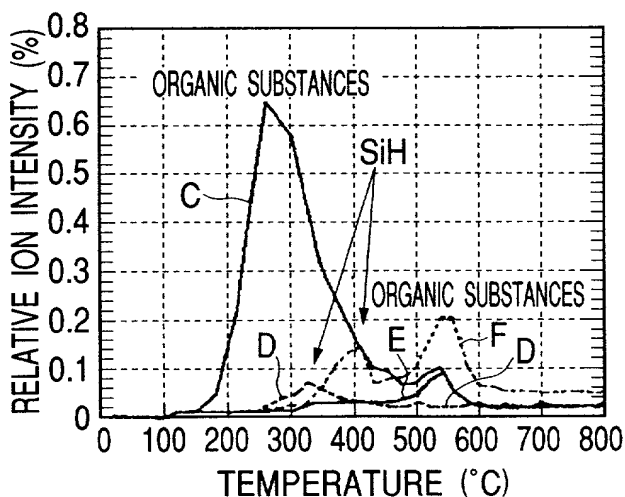
THERMAL DISSOCIATION OF ORGANIC
SUBSTANCES,
C(CnH2n+1O) C3H7O $m/z=59$

FIG. 27(a)

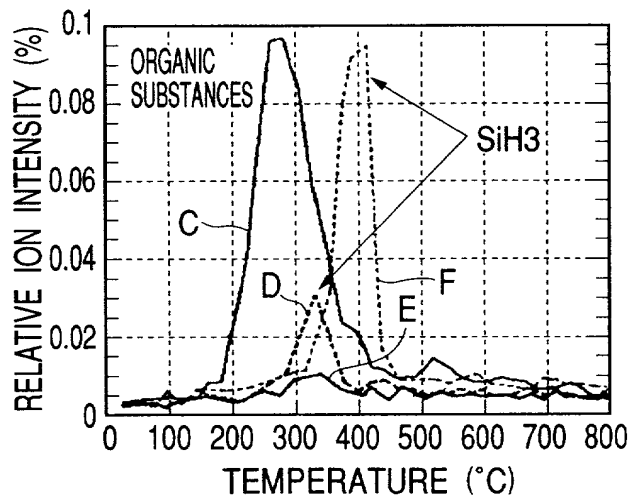
THERMAL DISSOCIATION OF Si
AND ORGANIC SUBSTANCES
Si, C₂H₄ $m/z=28$

FIG. 27(b)

THERMAL DISSOCIATION OF SiO
AND ORGANIC SUBSTANCES
SiO, C₃H₆ $m/z=44$

FIG. 27(c)

THERMAL DISSOCIATION OF SiH
AND ORGANIC SUBSTANCES
SiH, C₂H₅ $m/z=29$

FIG. 27(d)

THERMAL DISSOCIATION OF SiH₃
AND ORGANIC SUBSTANCES
SiH₃ $m/z=31$

FIG. 28

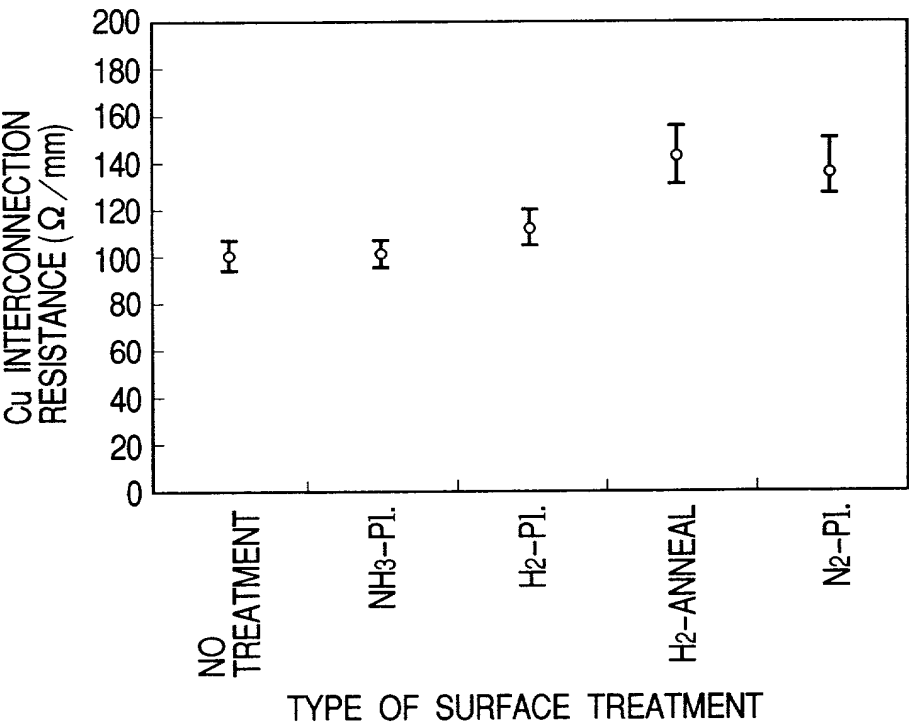


FIG. 29

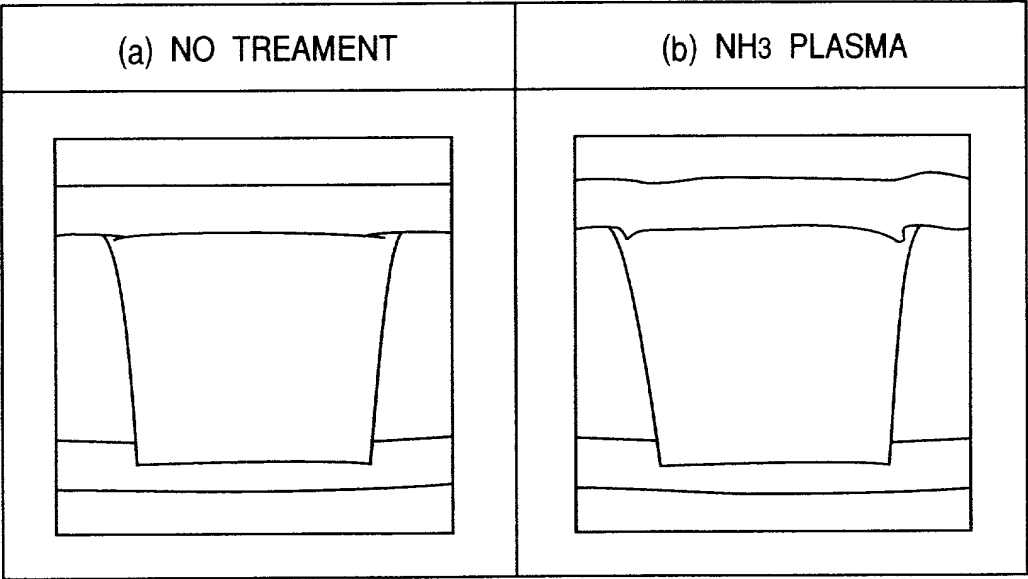


FIG. 30

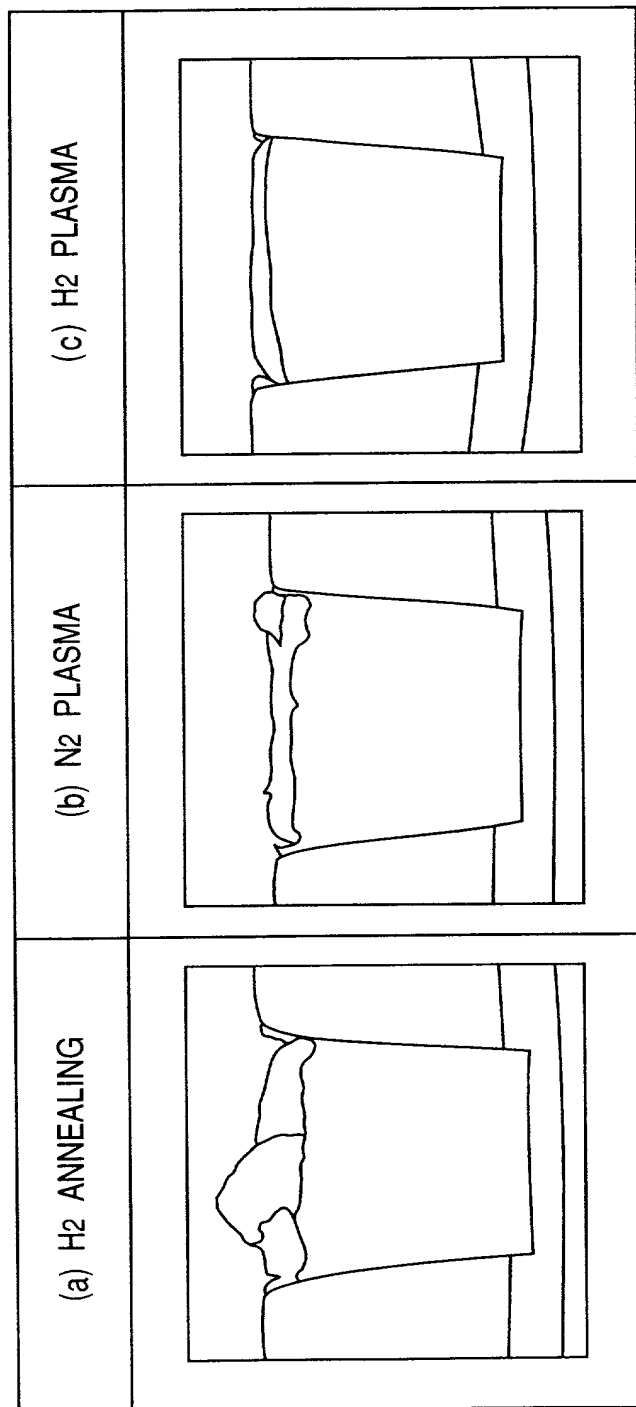


FIG. 32(a)

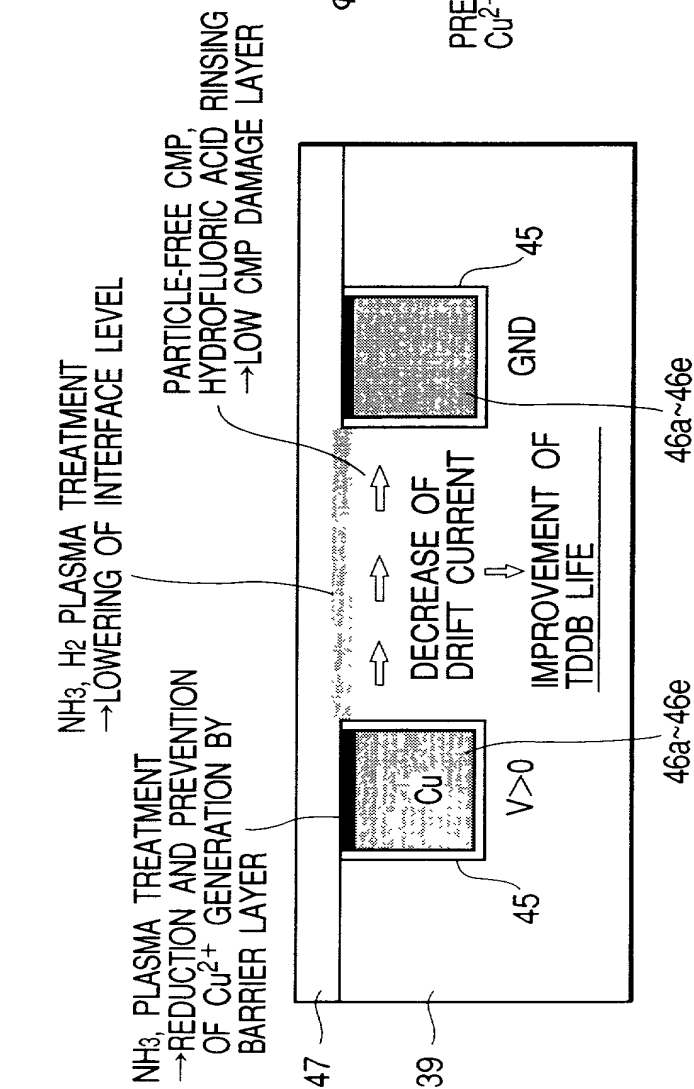


FIG. 32(b)

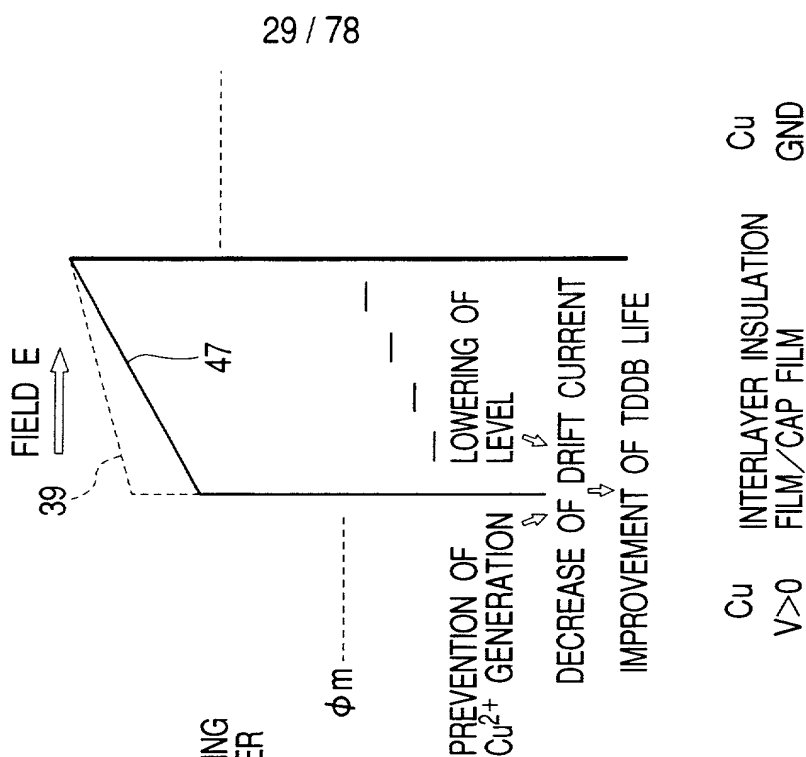


FIG. 33

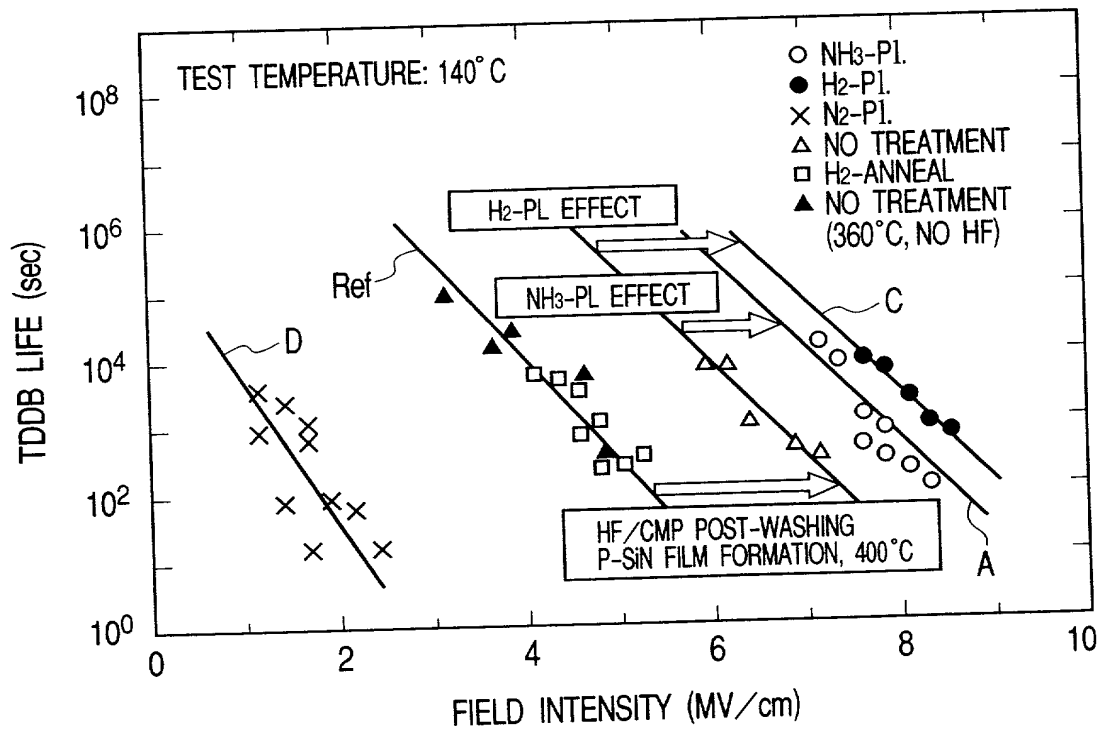


FIG. 34

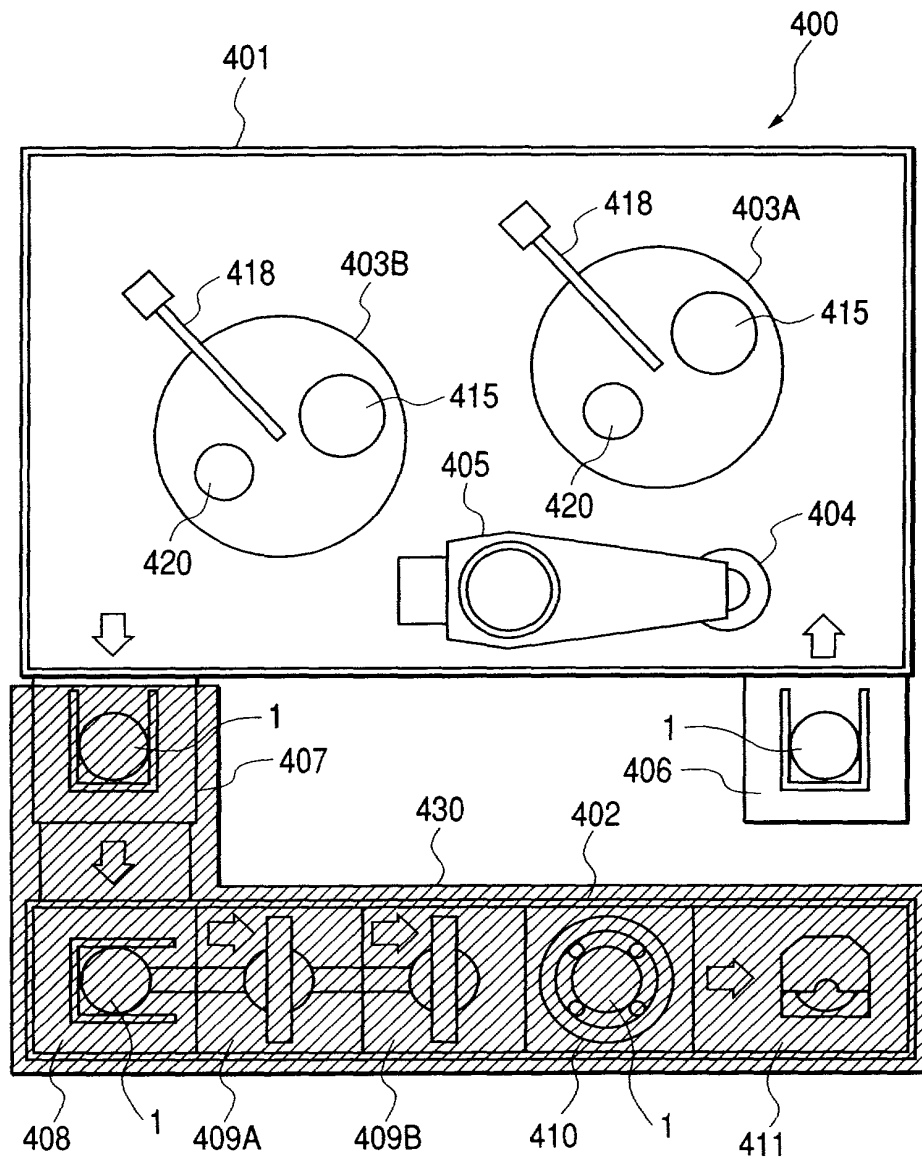


FIG. 35

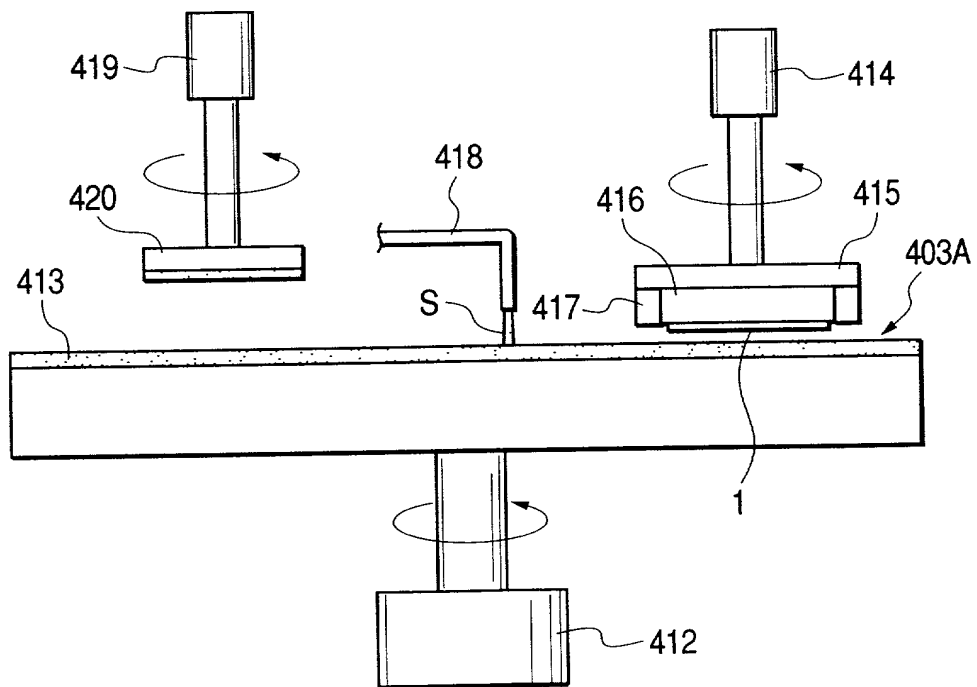


FIG. 36

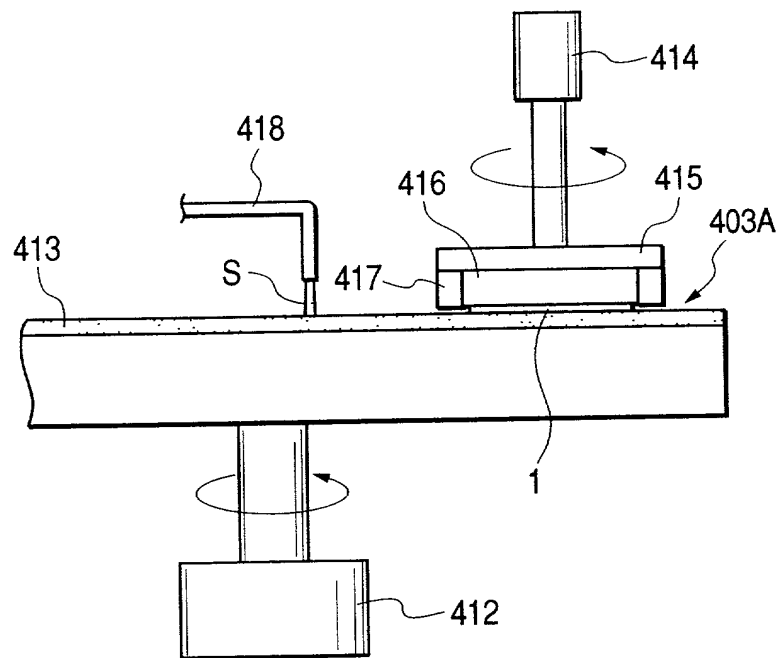


FIG. 37

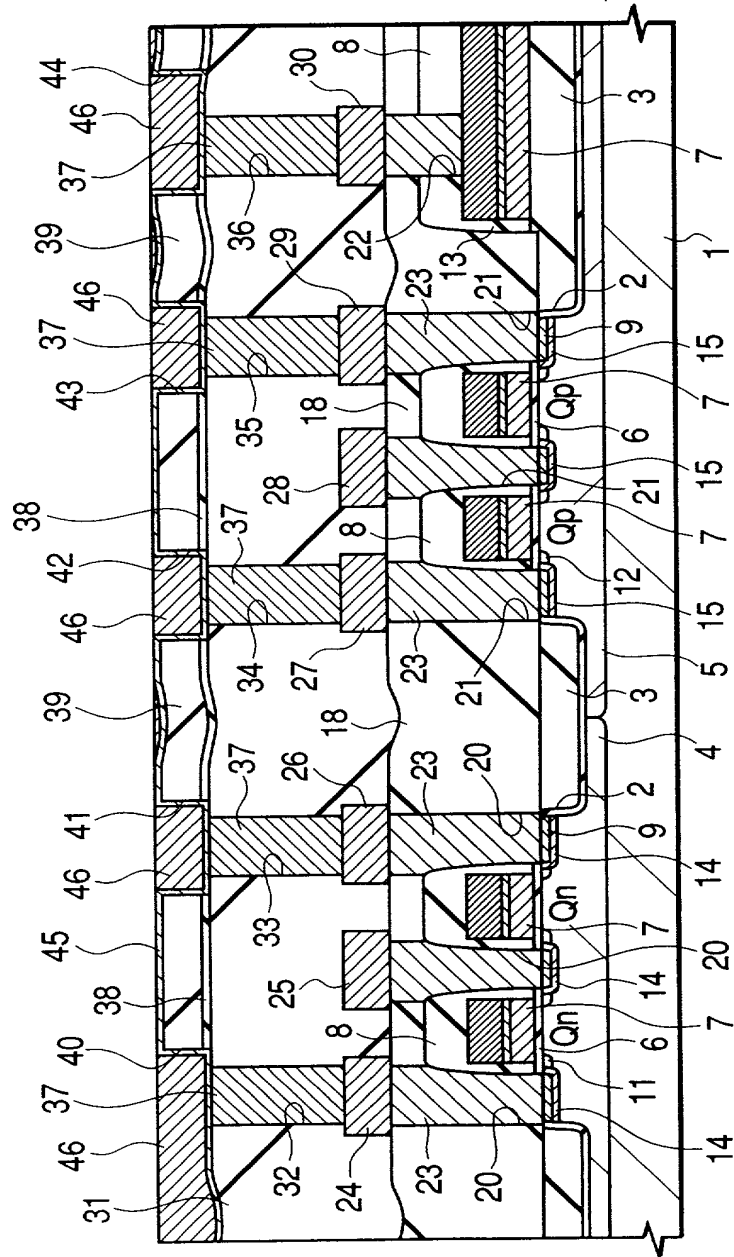


FIG. 38(a)

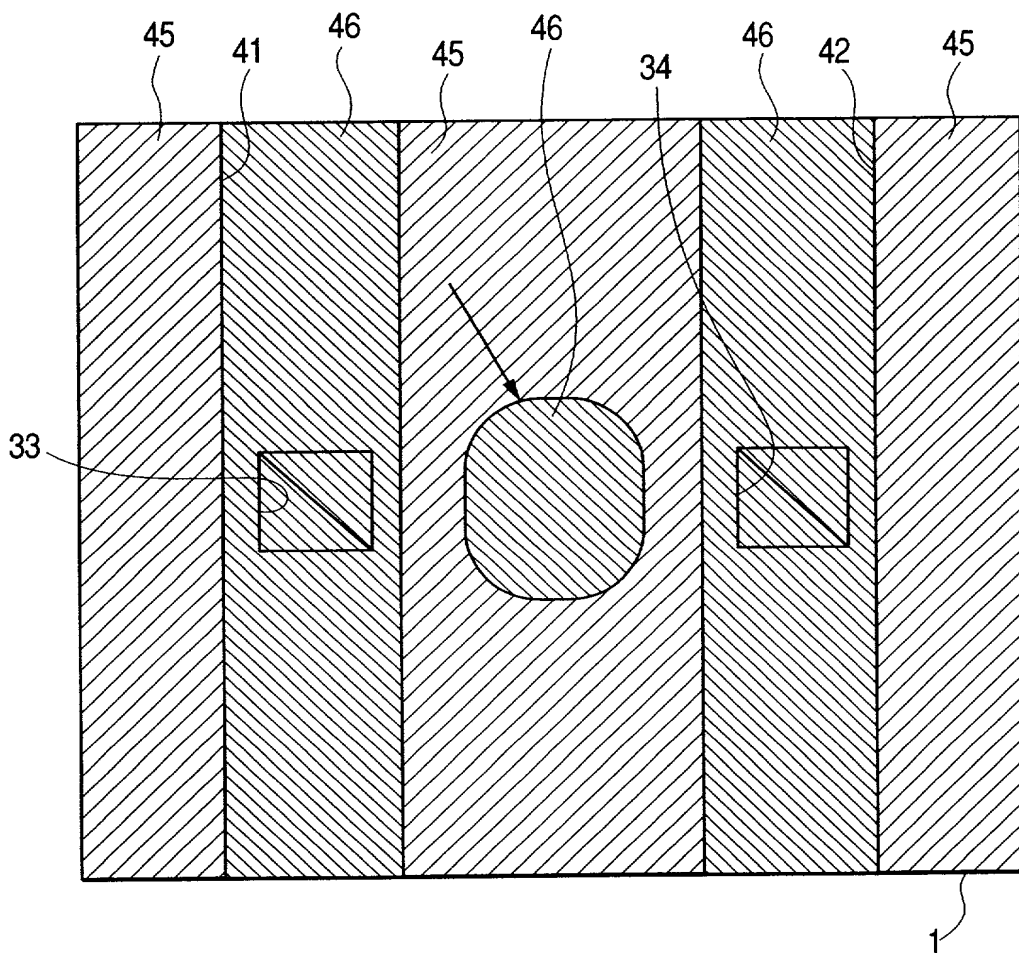


FIG. 38(b)

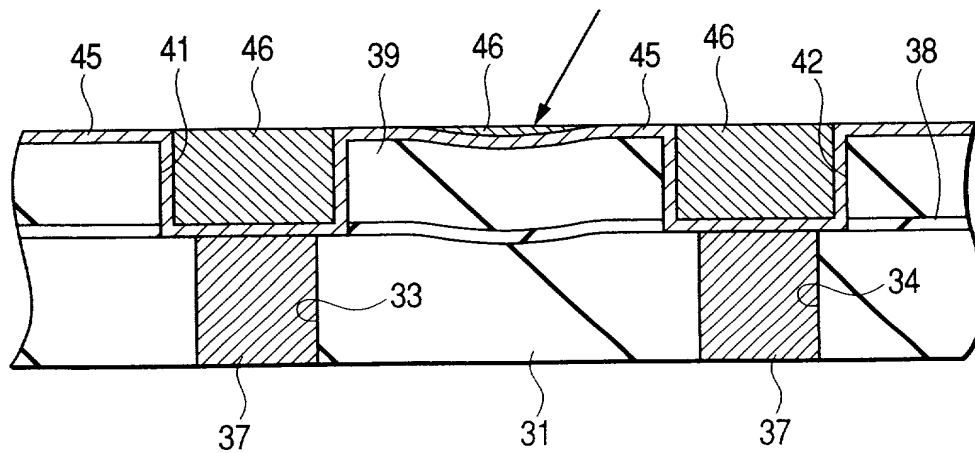


FIG. 39

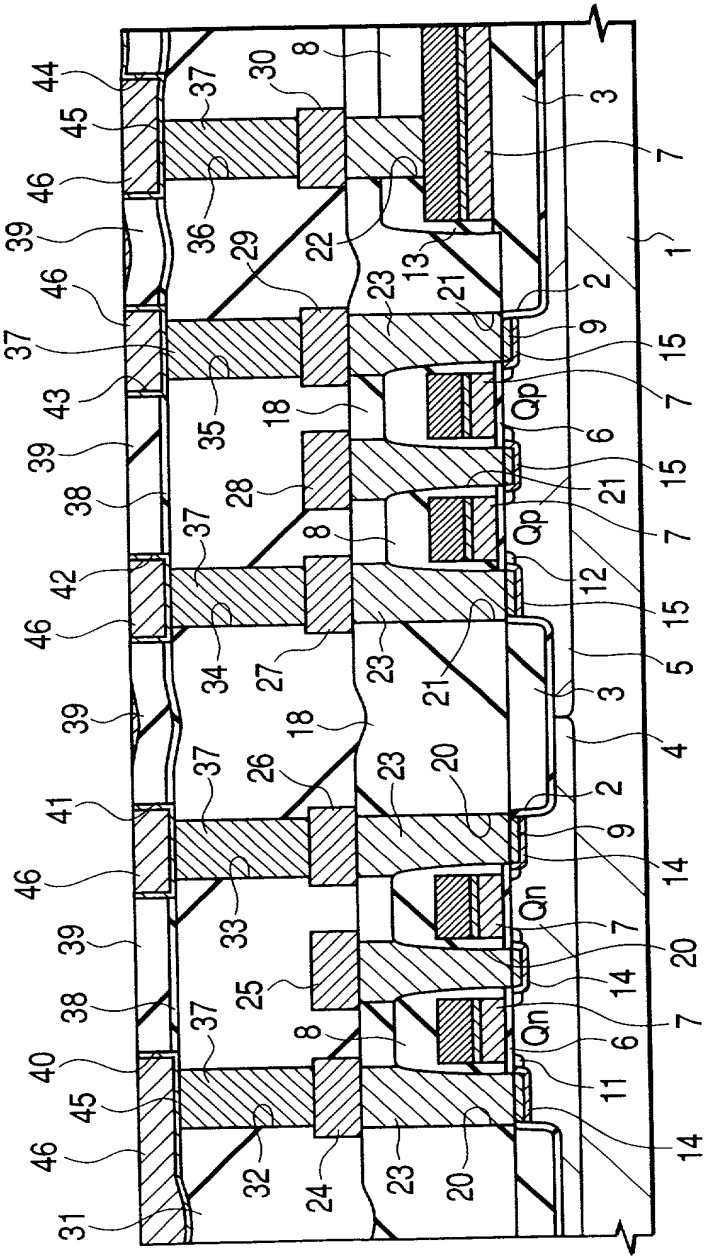


FIG. 40(a)

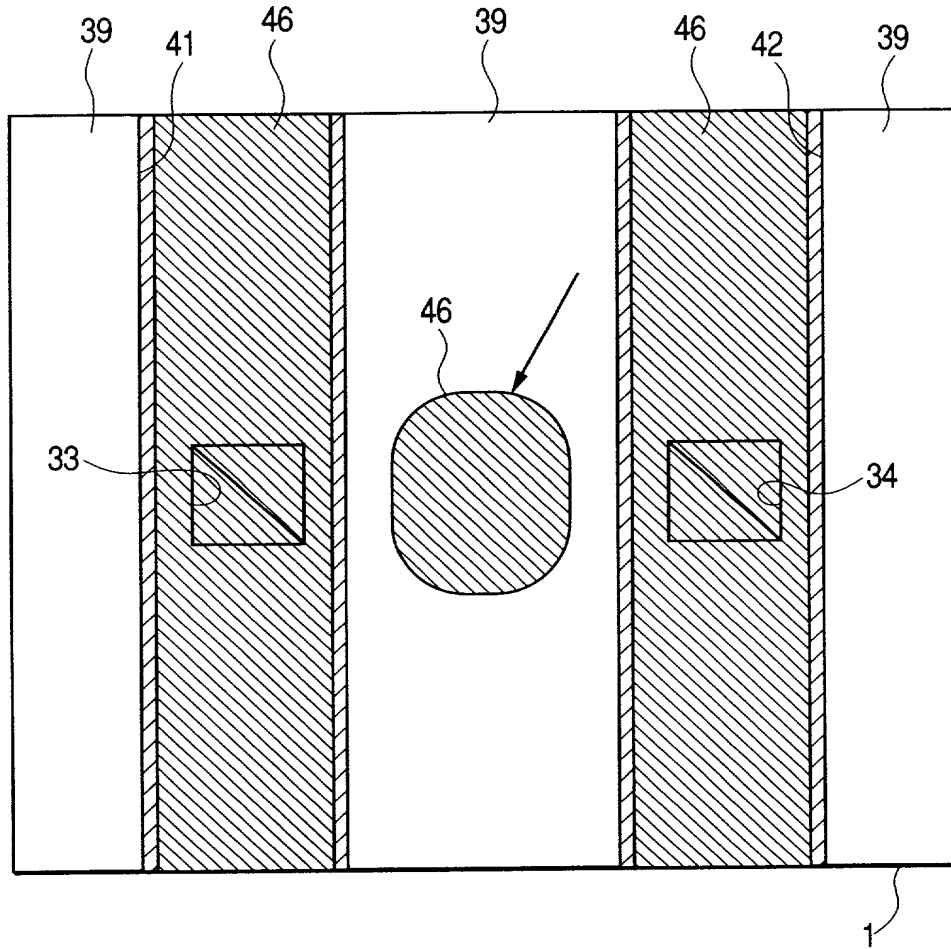


FIG. 40(b)

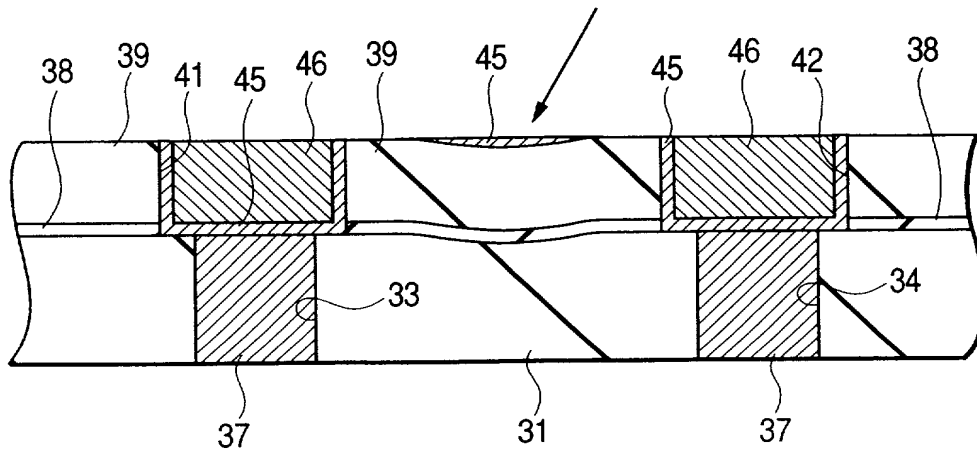


FIG. 41

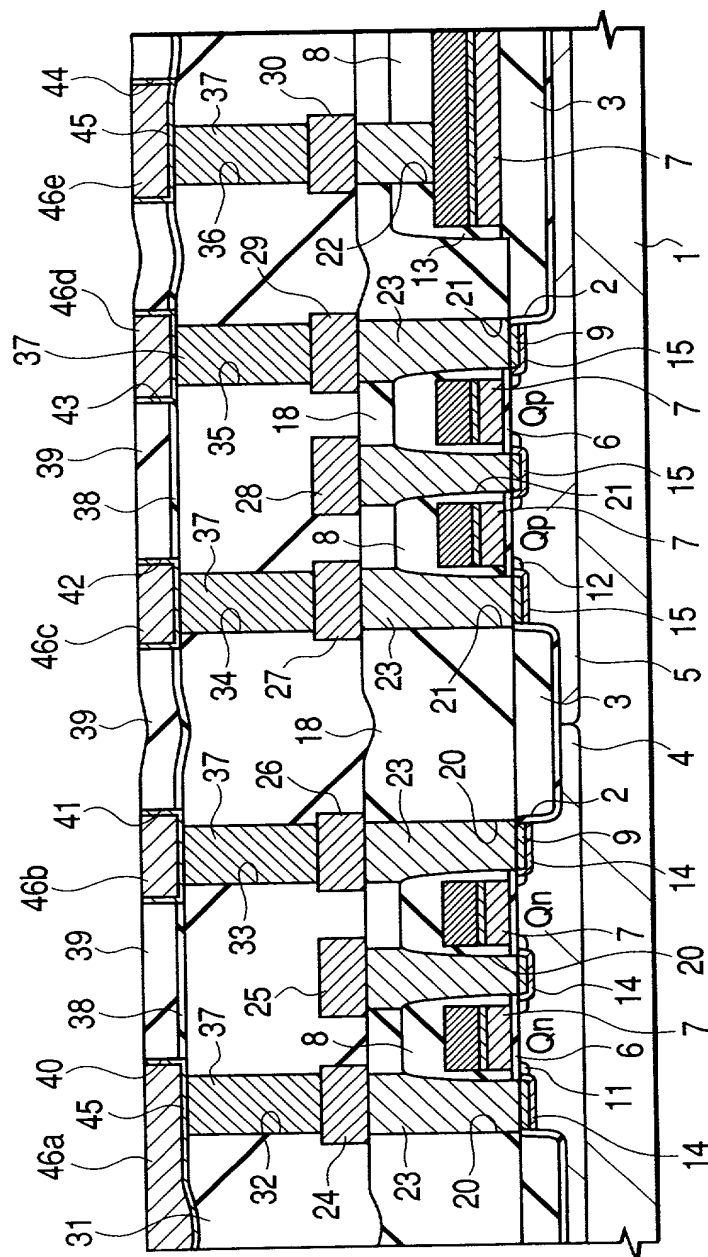


FIG. 42(a)

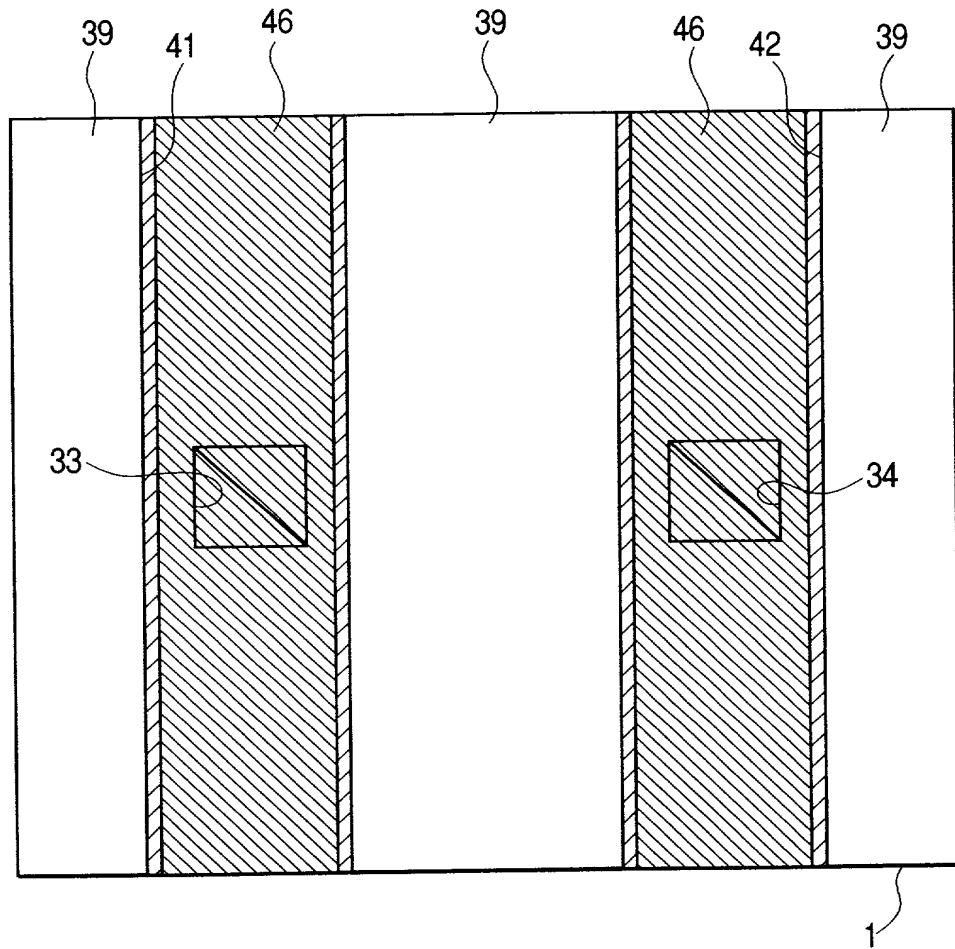


FIG. 42(b)

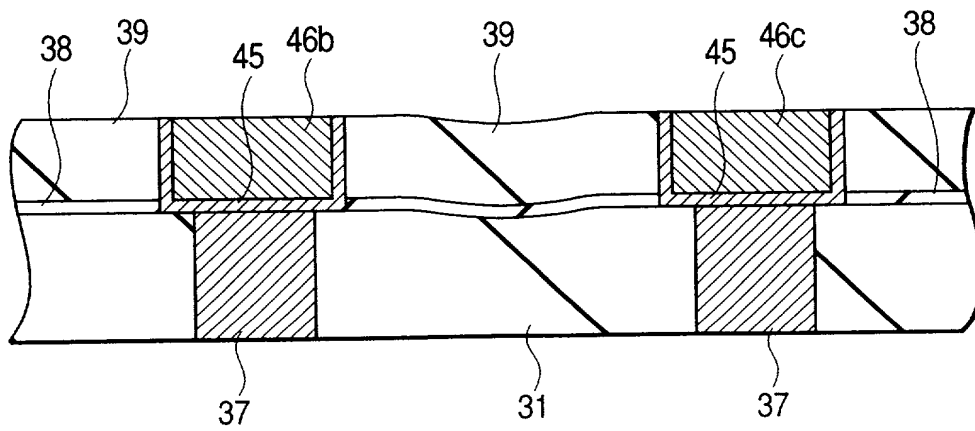


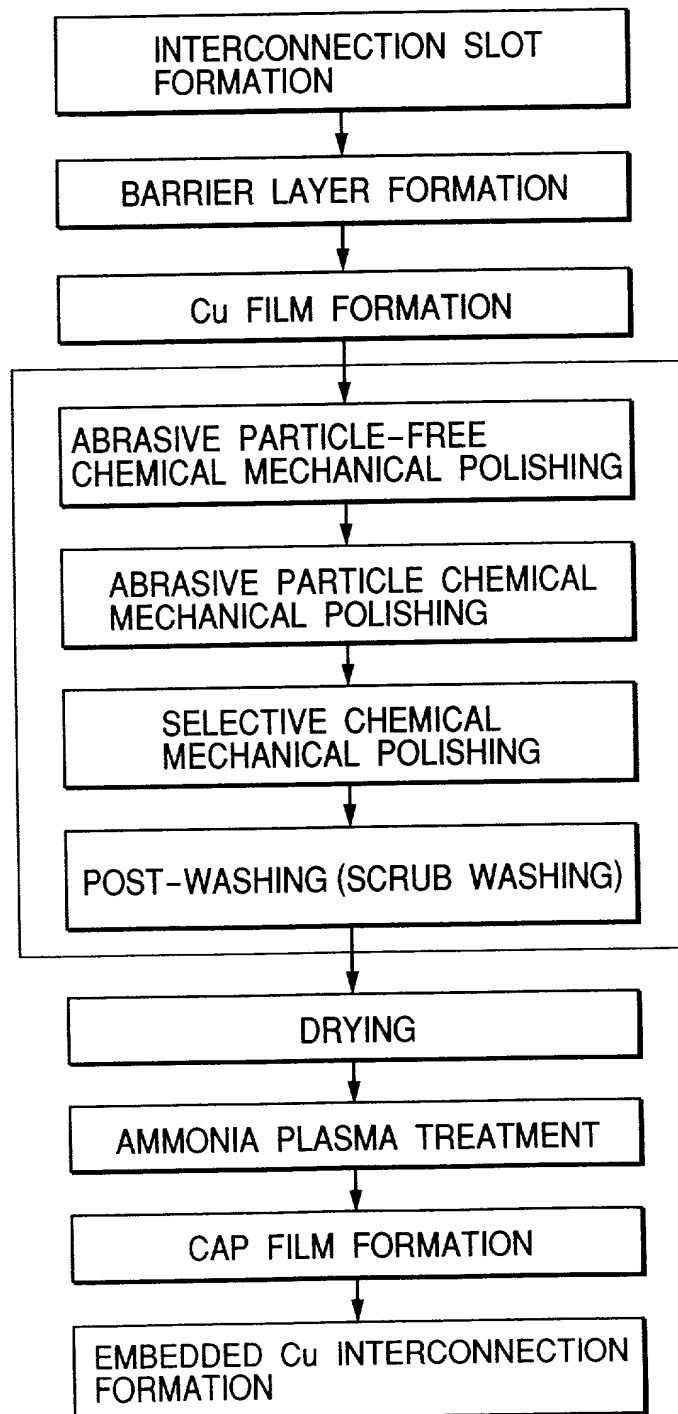
FIG. 43

FIG. 44

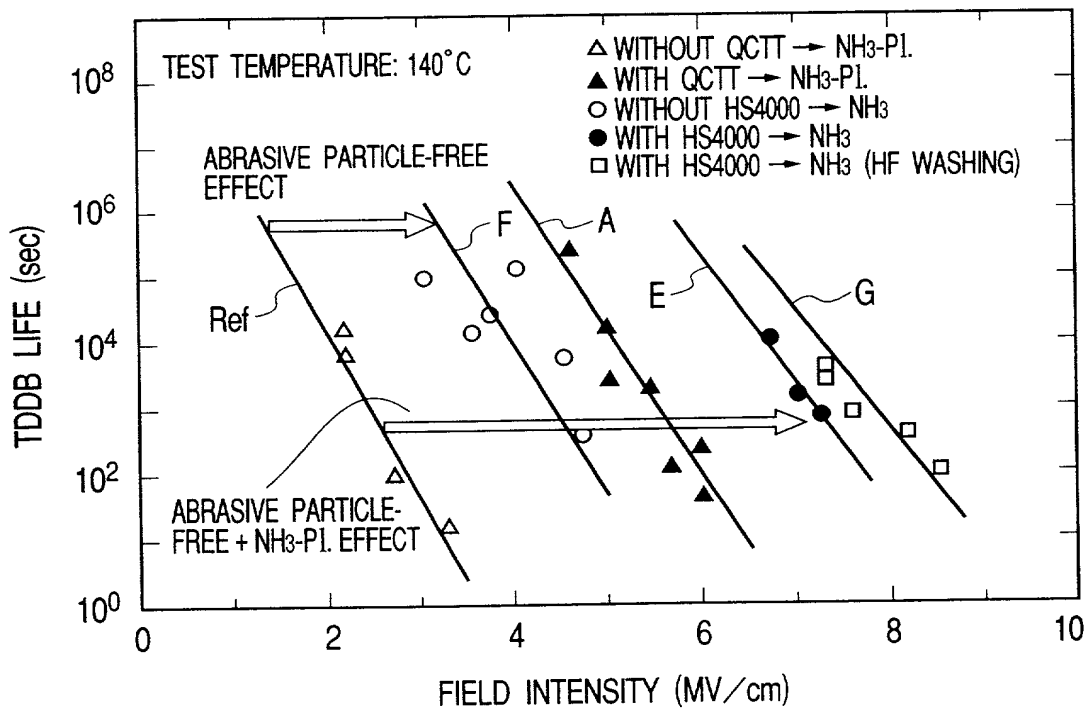


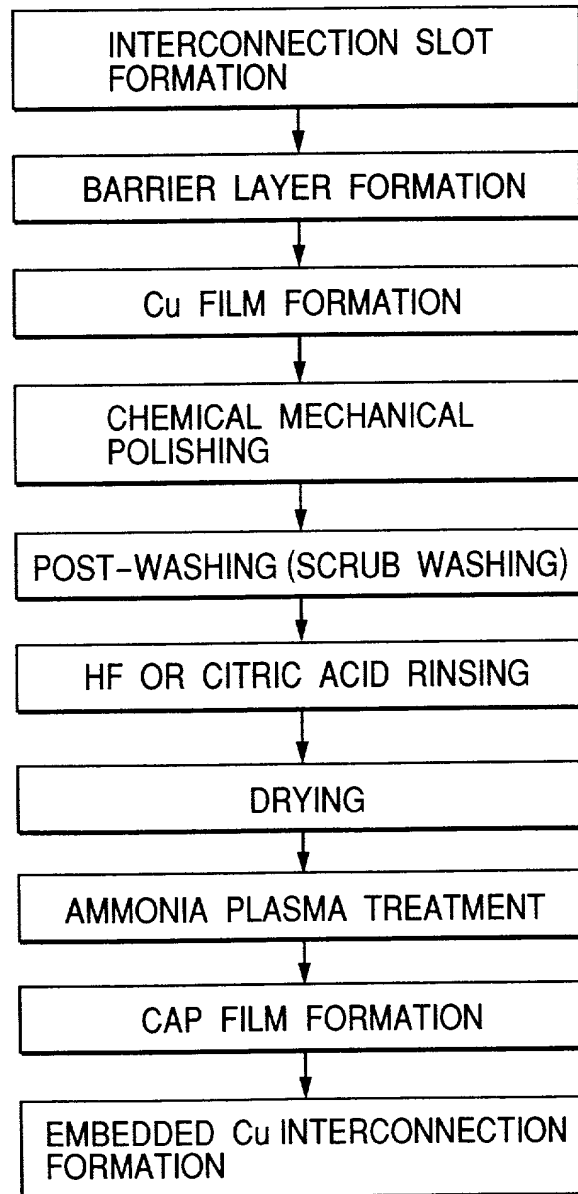
FIG. 45

FIG. 46

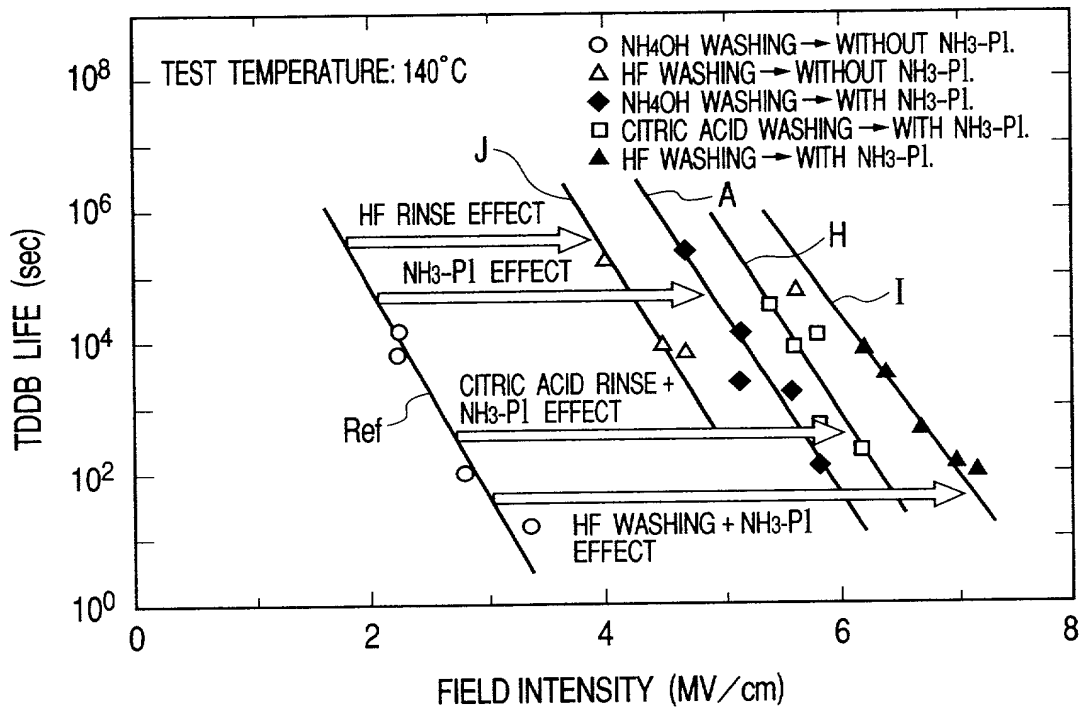


FIG. 47

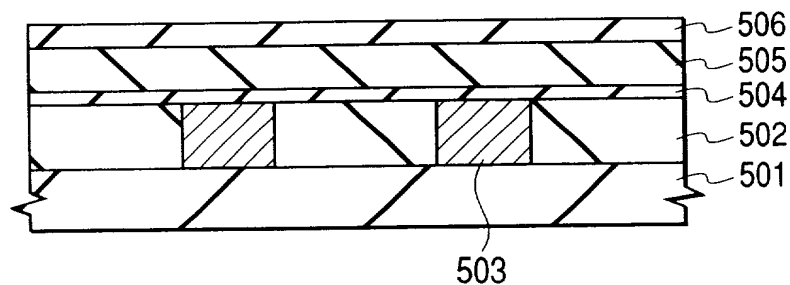


FIG. 48(a)

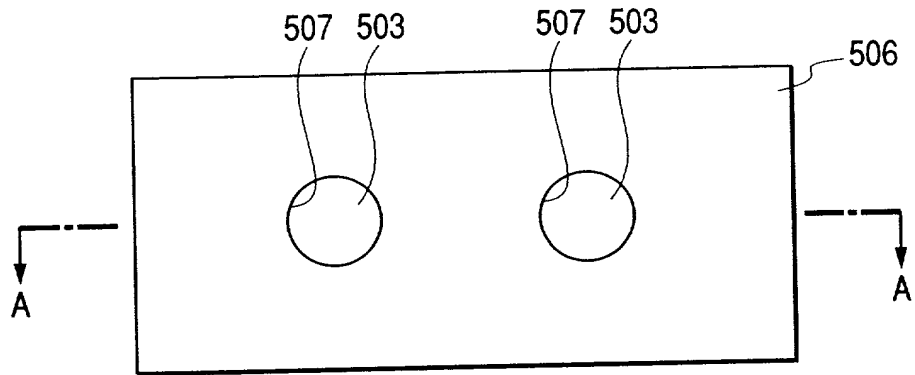


FIG. 48(b)

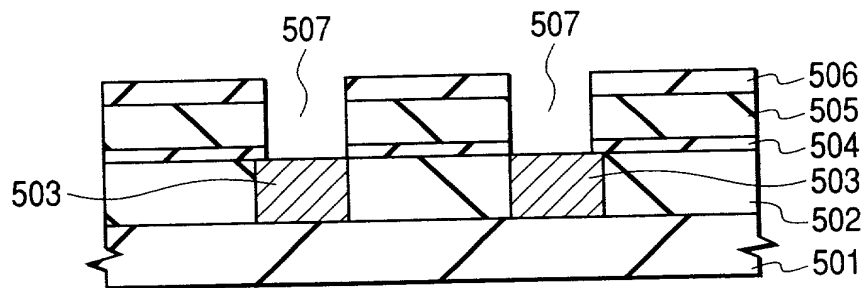
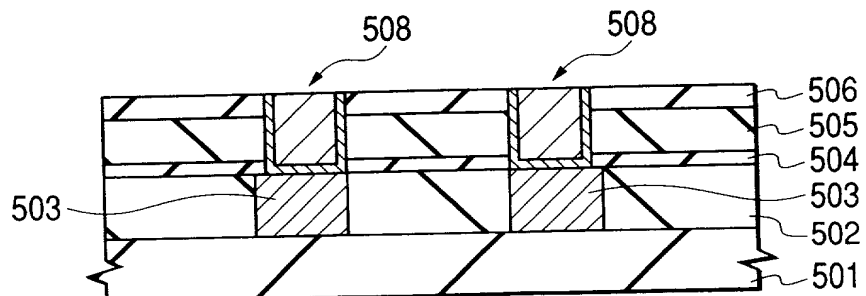


FIG. 49



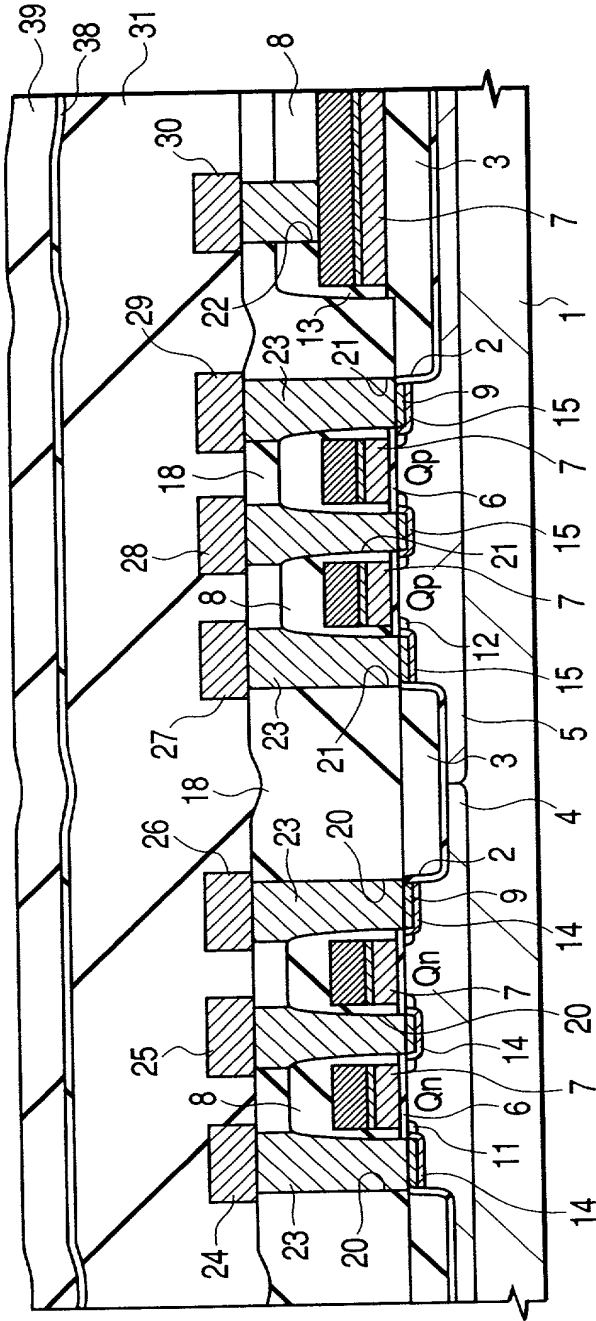
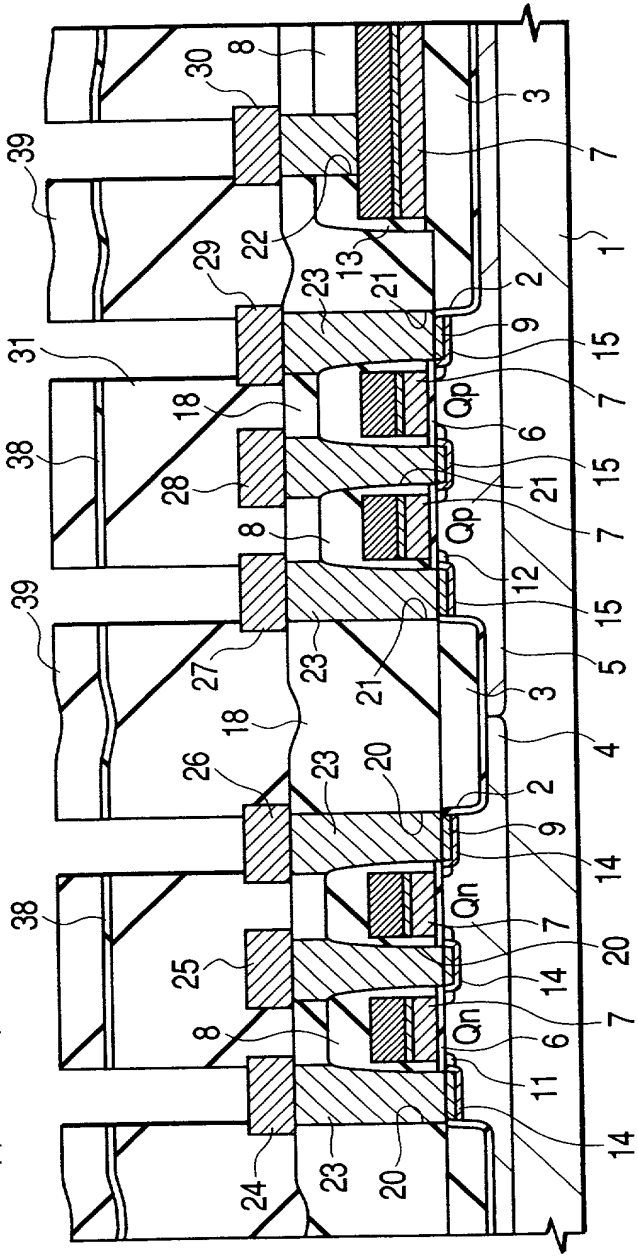


FIG. 51



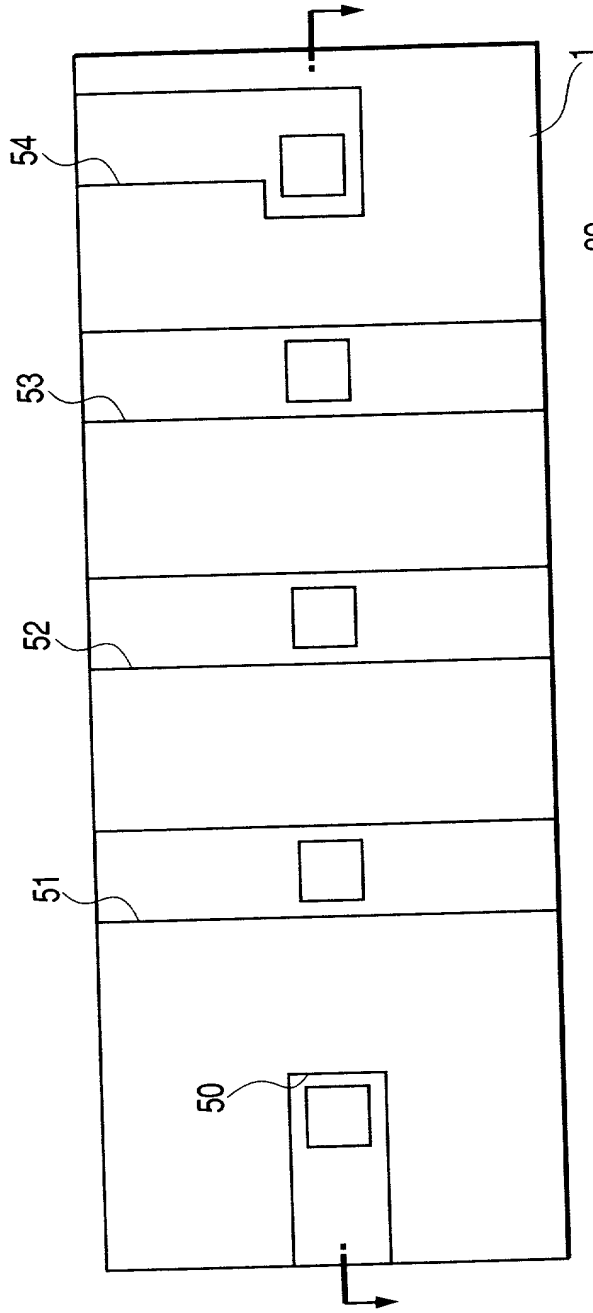


FIG. 52(a)

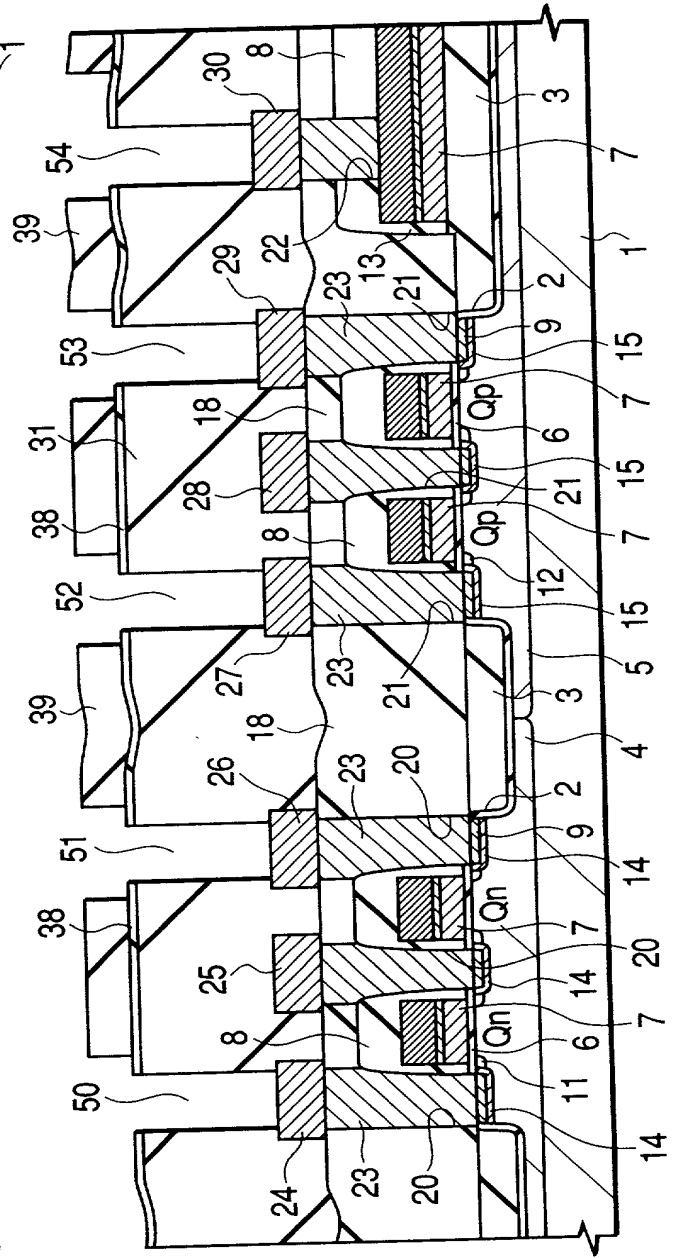


FIG. 52(b)

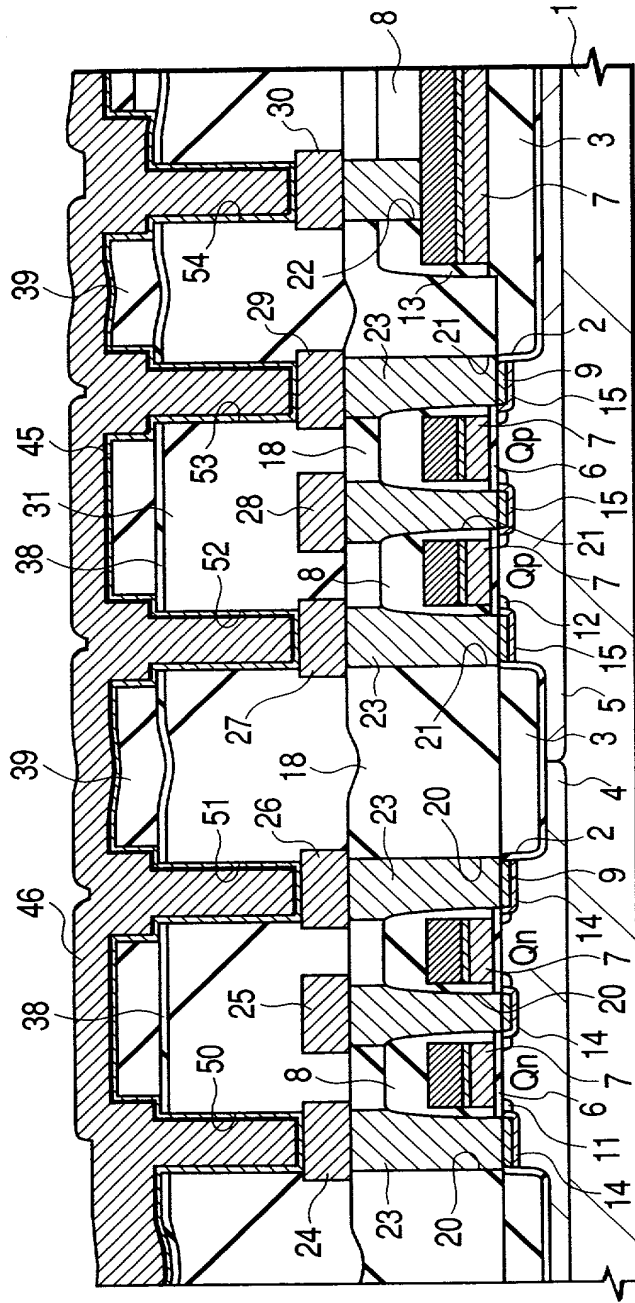


FIG. 53

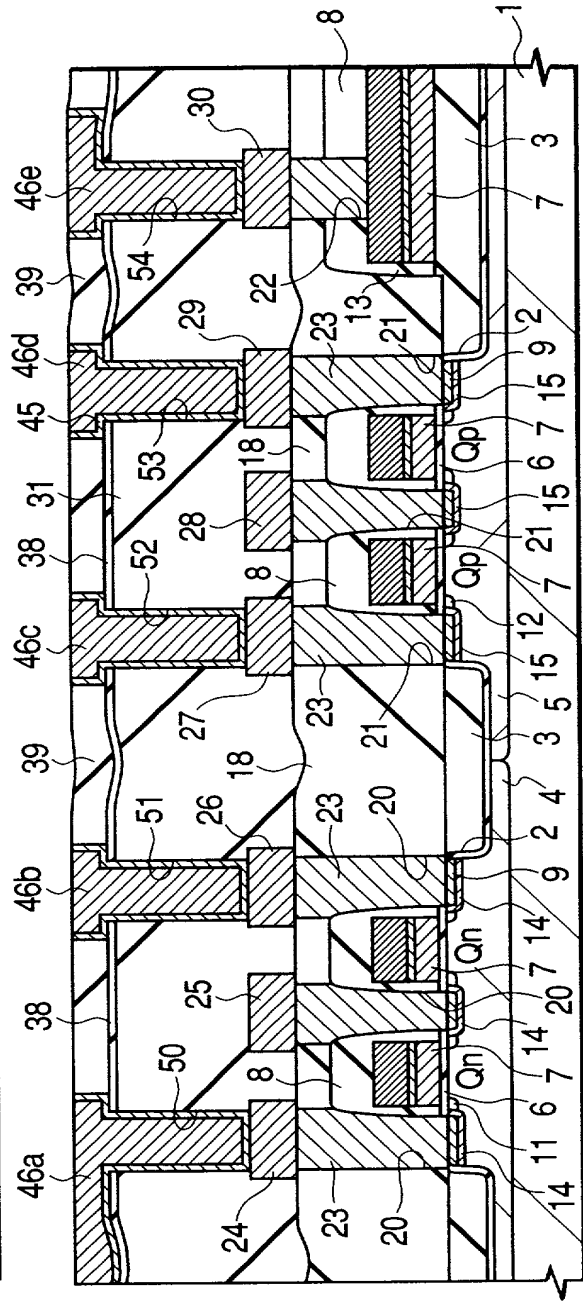


FIG. 54

FIG. 55

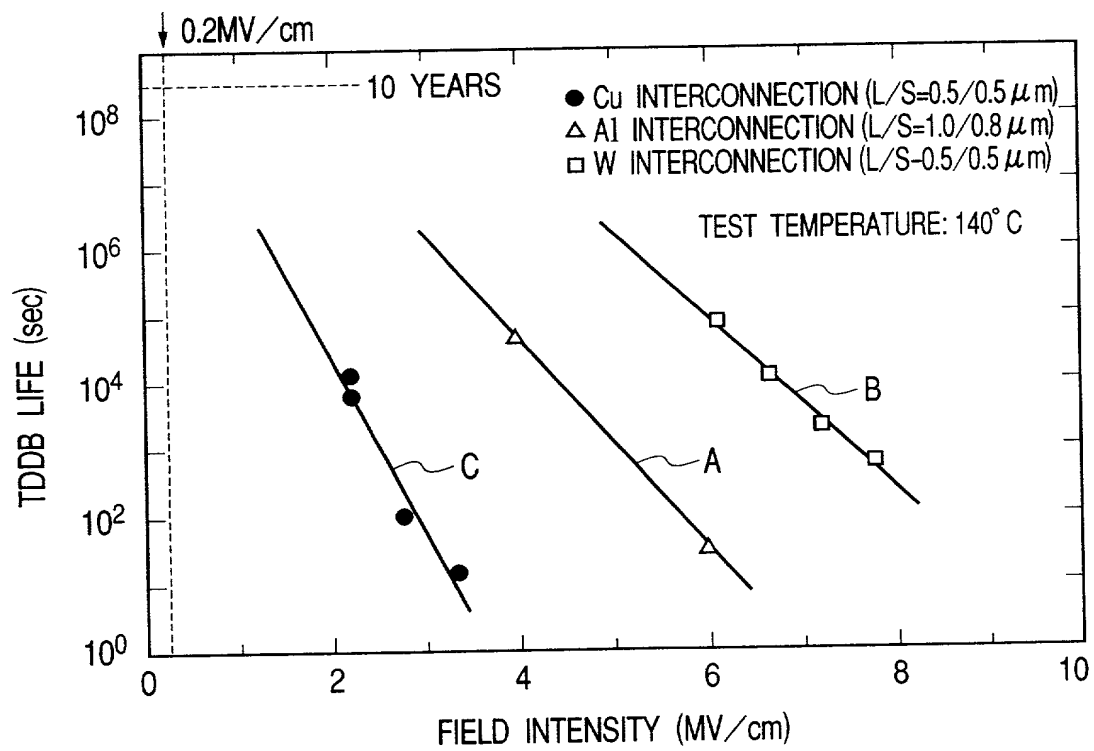


FIG. 56

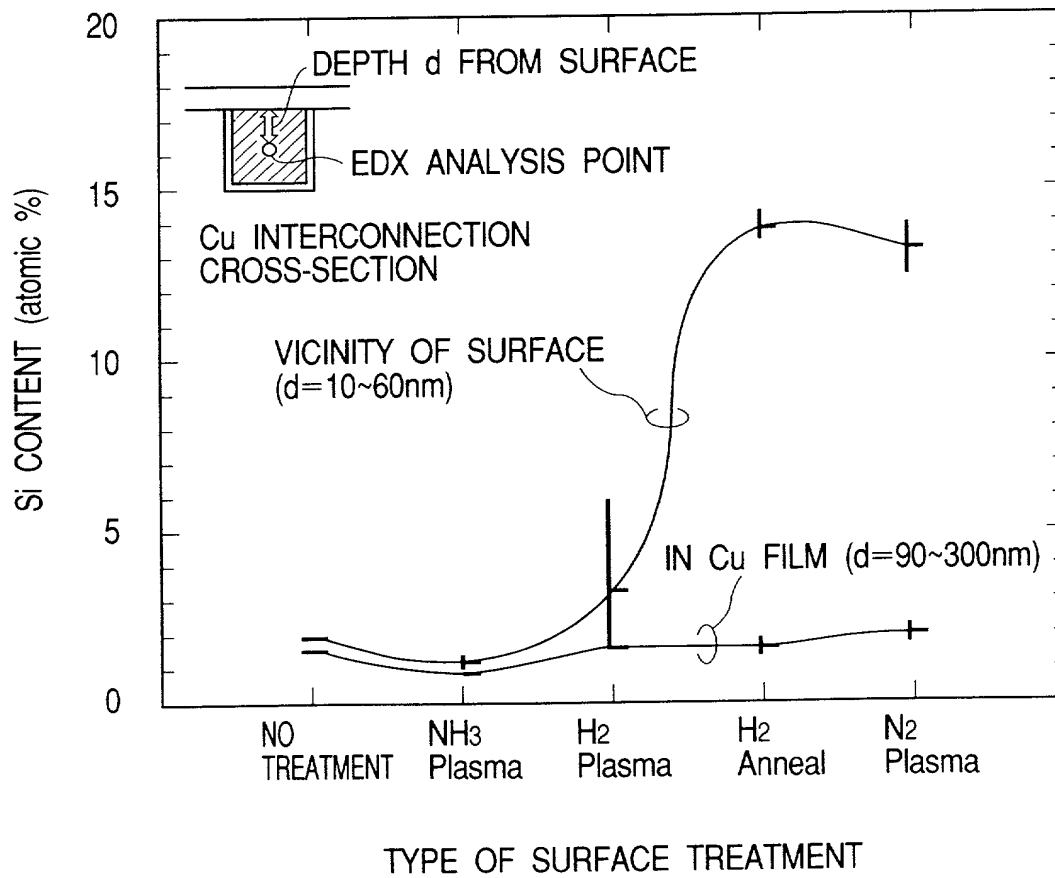
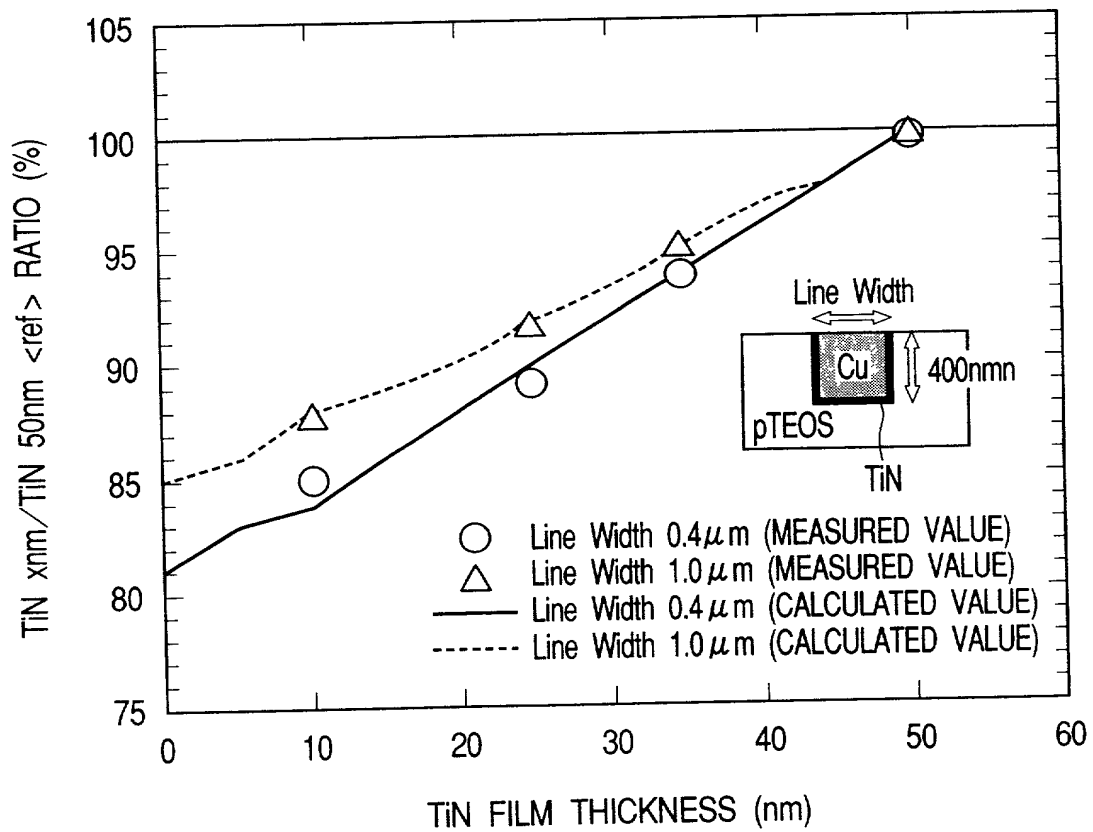


FIG. 57



*TiN FILM THICKNESS=FILM THICKNESS AT BASE OF SLOT

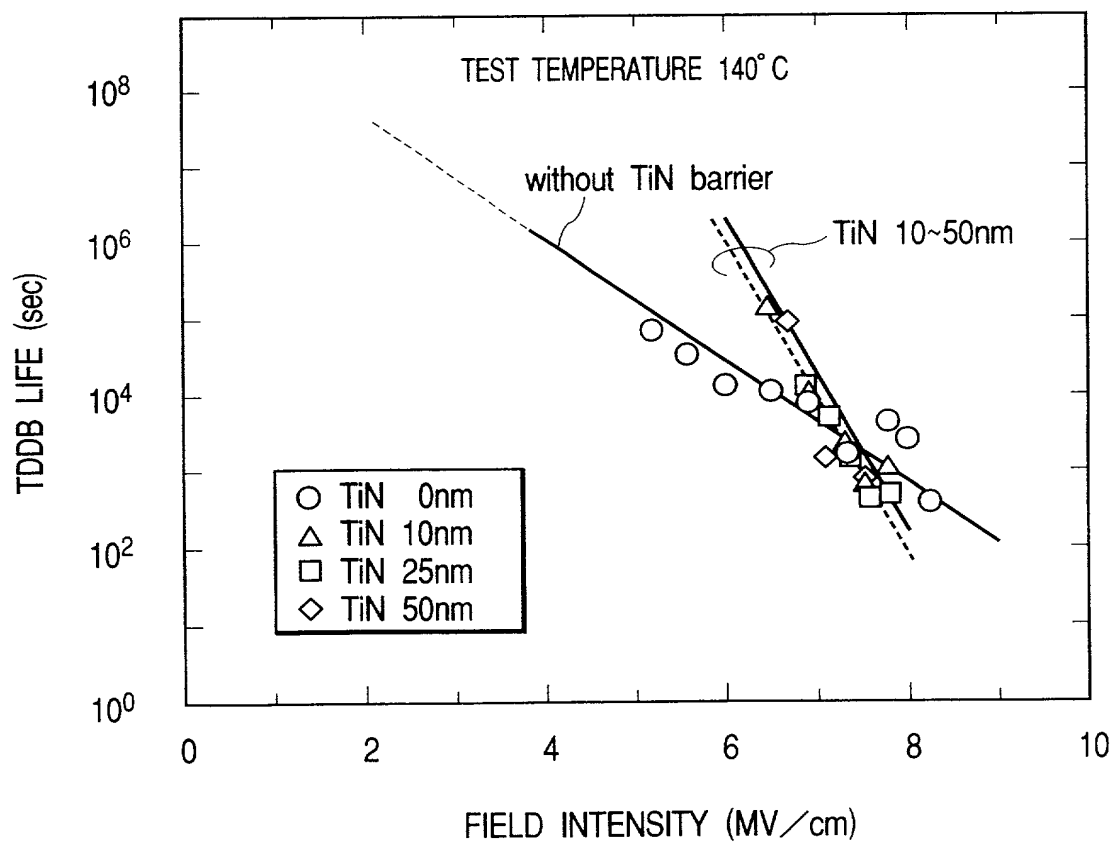
FIG. 58

FIG. 59

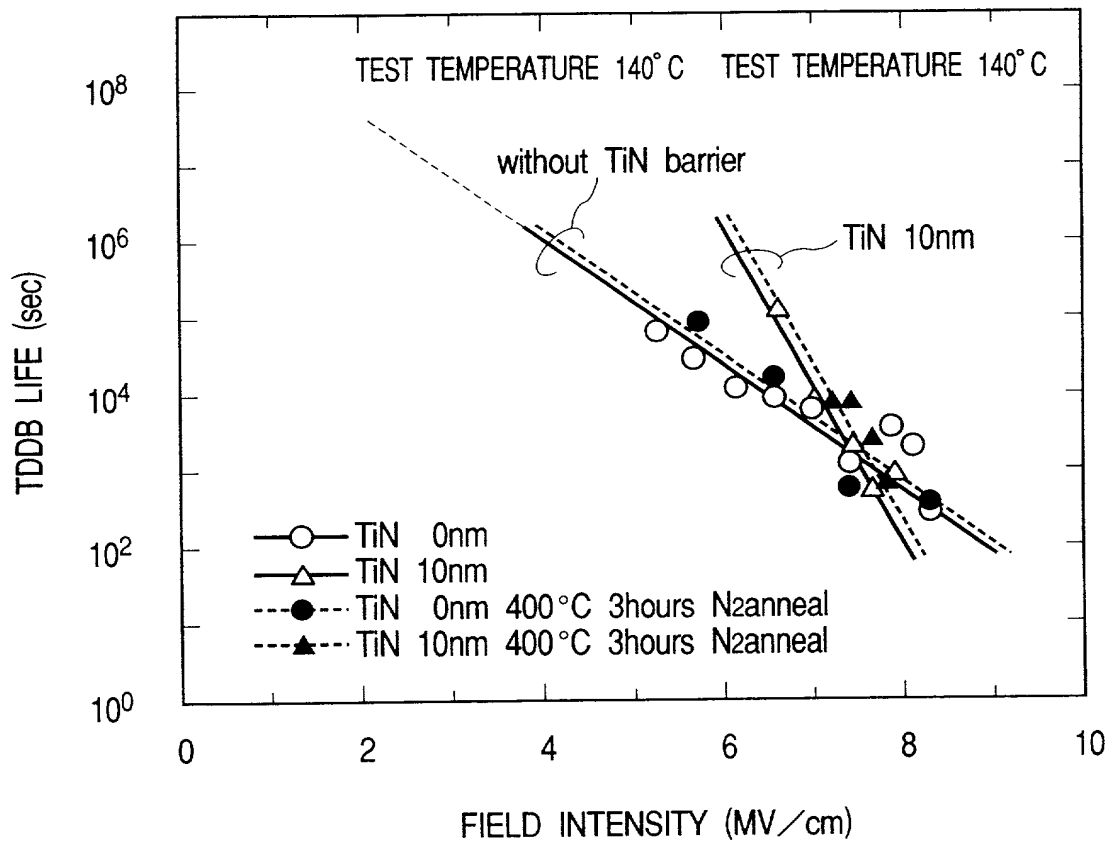


FIG. 60(a)

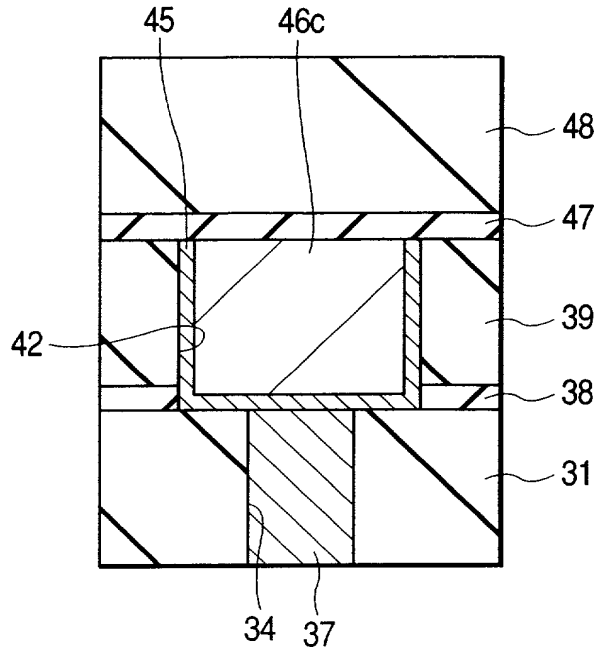


FIG. 60(b)

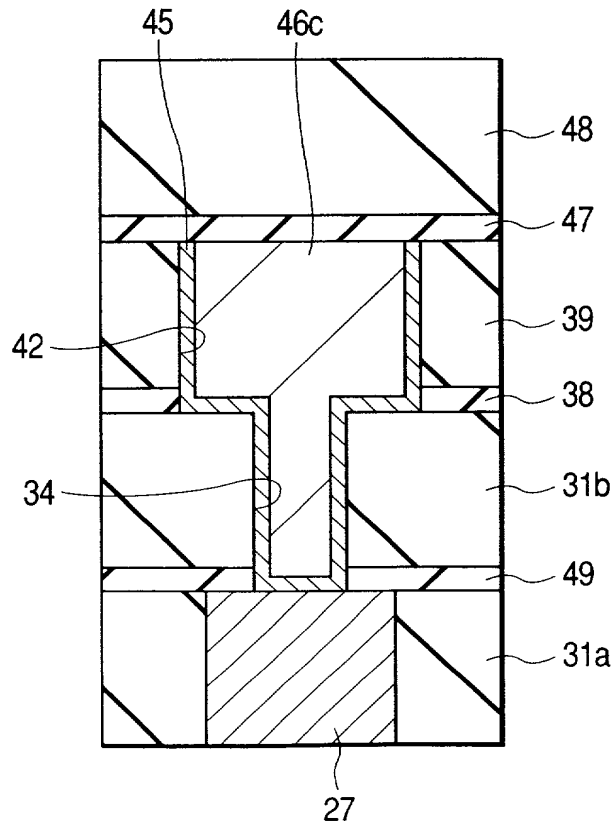


FIG. 61(a)

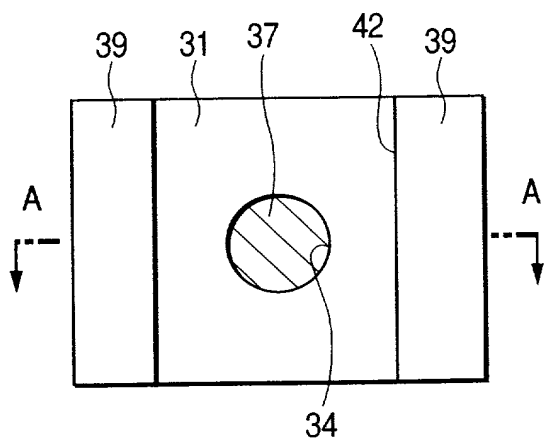


FIG. 61(b)

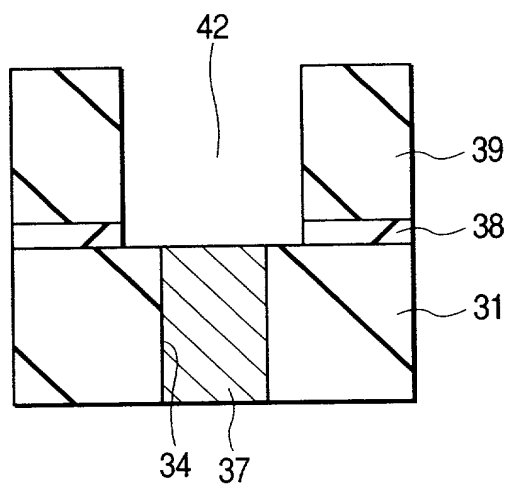


FIG. 62(a)

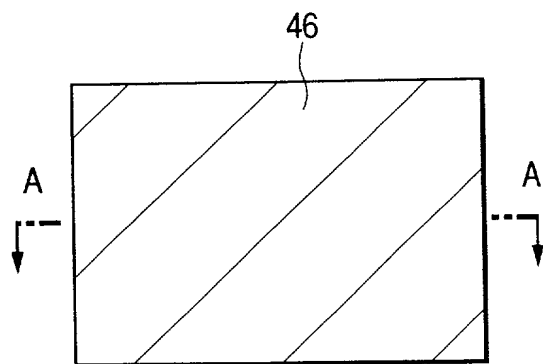


FIG. 62(b)

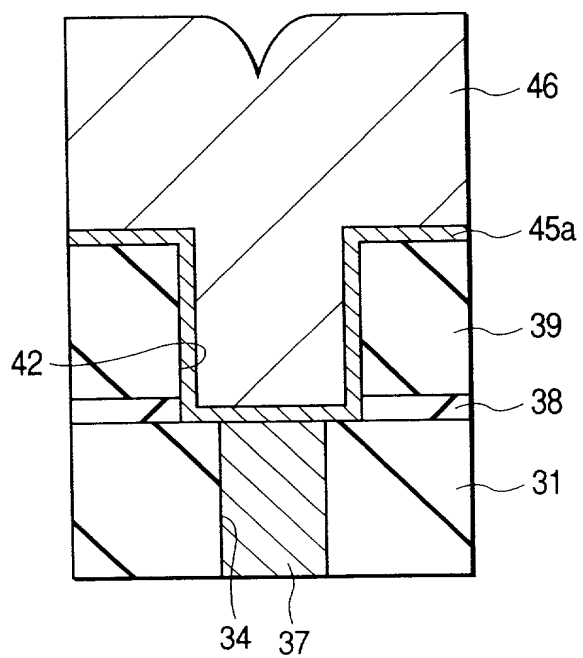


FIG. 63(a)

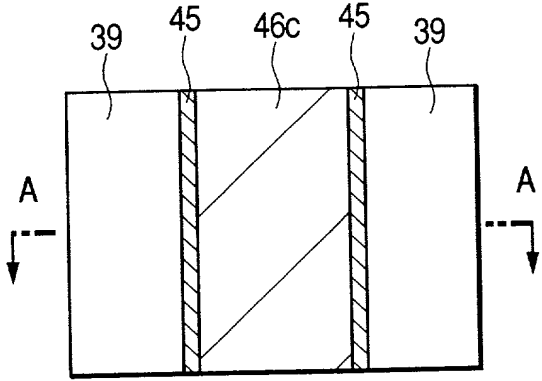


FIG. 63(b)

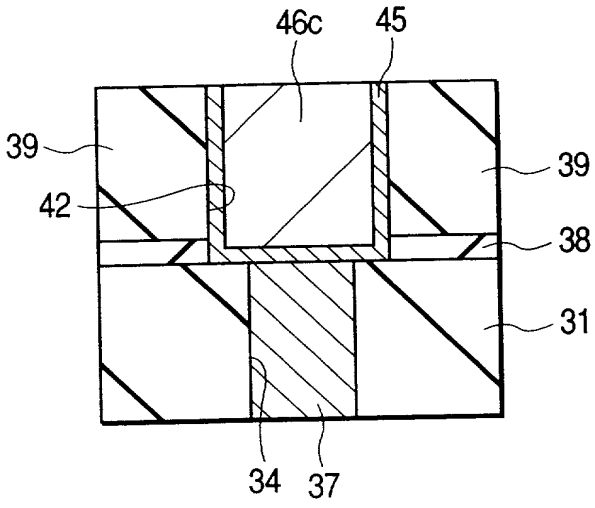


FIG. 64(a)

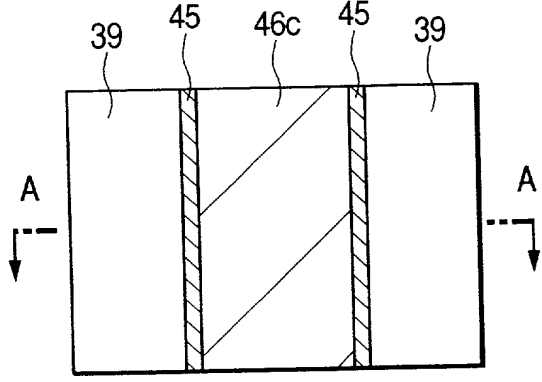


FIG. 64(b)

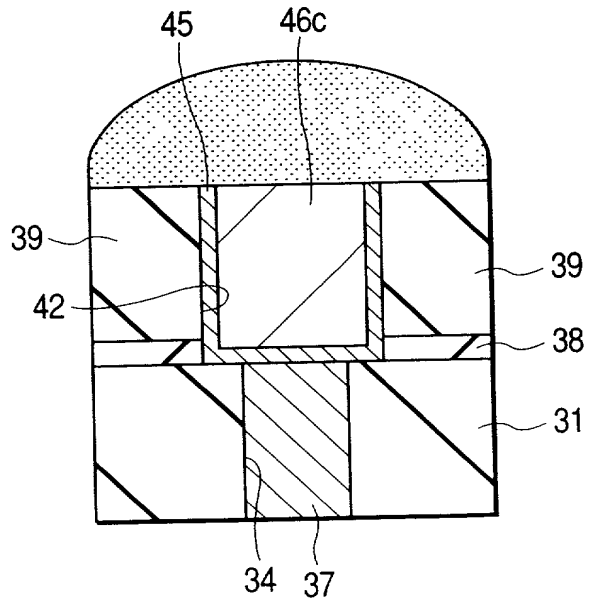


FIG. 65(a)

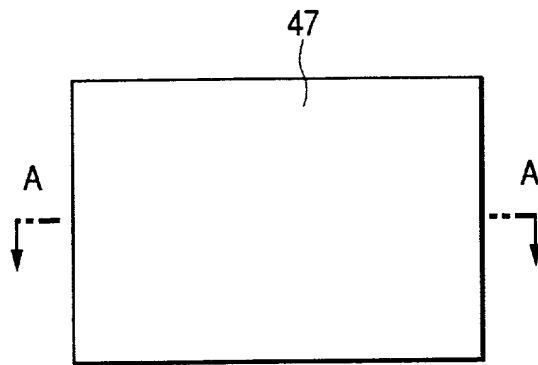


FIG. 65(b)

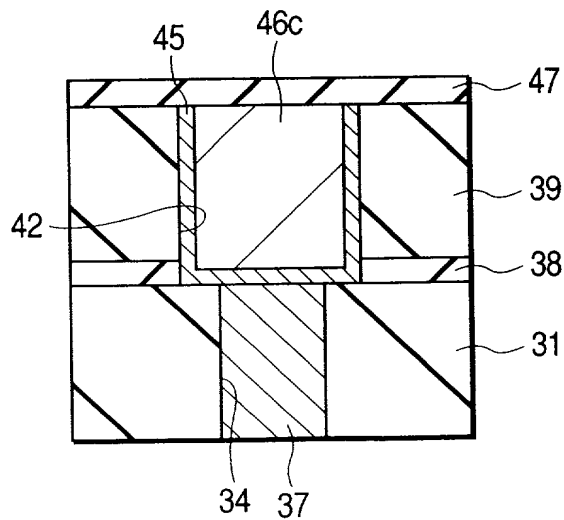


FIG. 66(a)

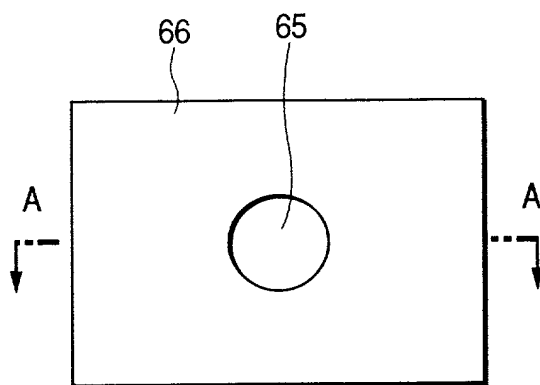


FIG. 66(b)

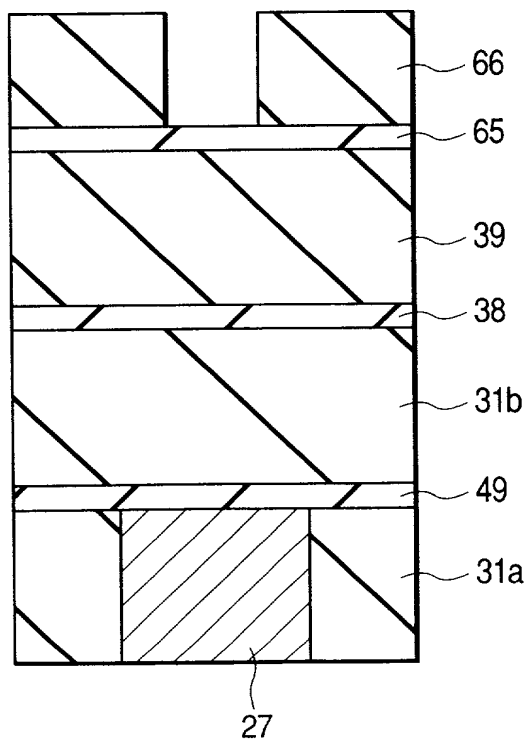


FIG. 67(a)

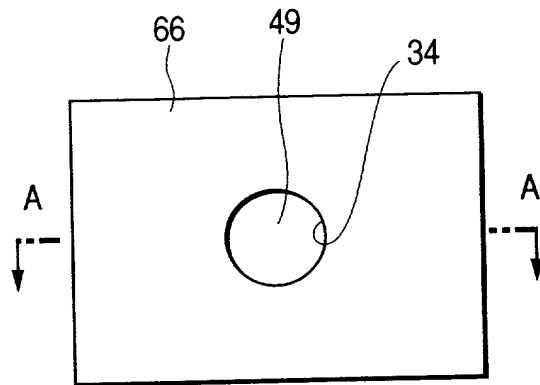


FIG. 67(b)

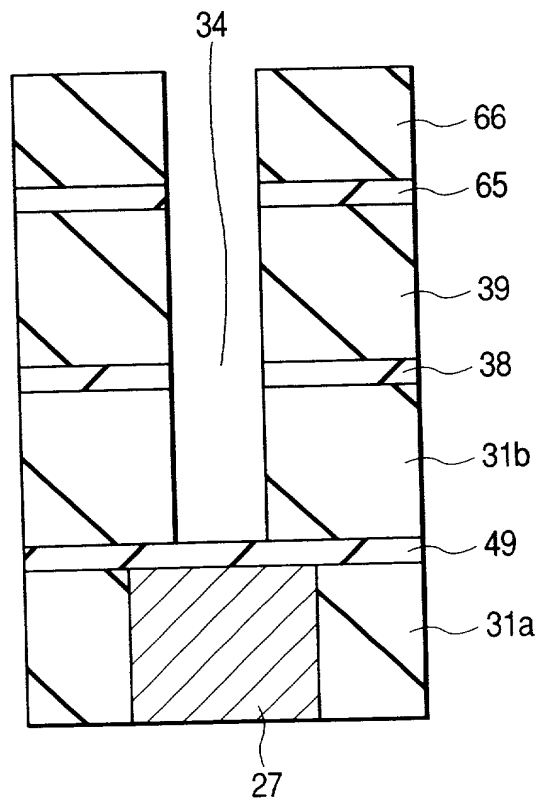


FIG. 68(a)

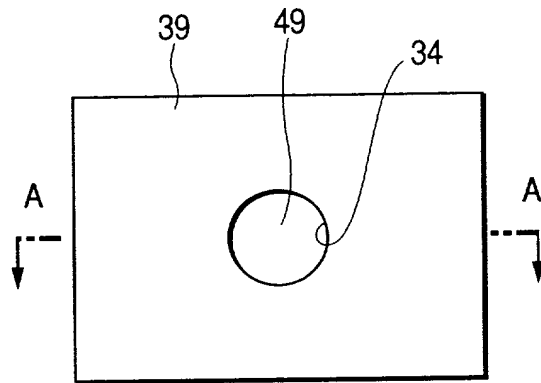


FIG. 68(b)

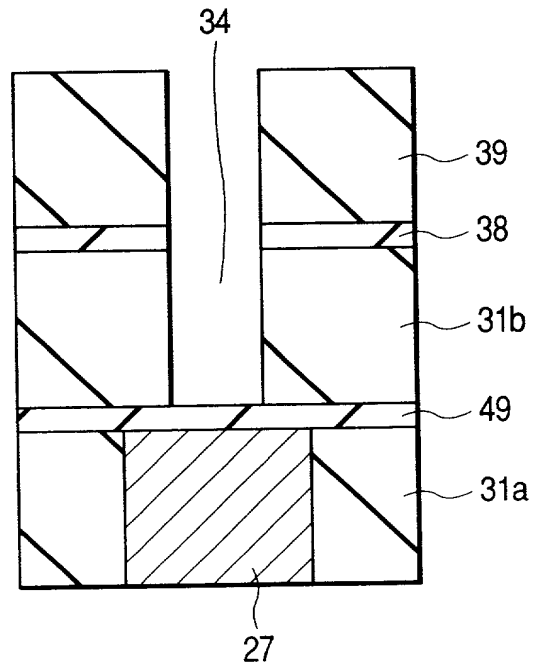


FIG. 69(a)

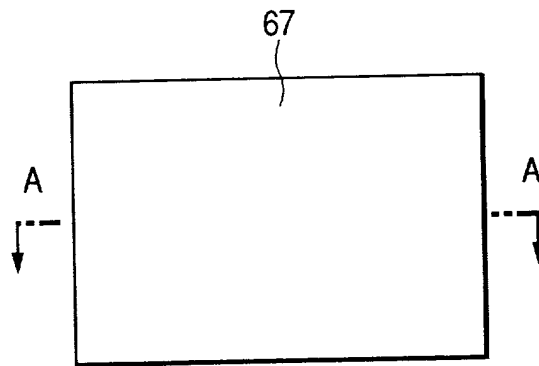


FIG. 69(b)

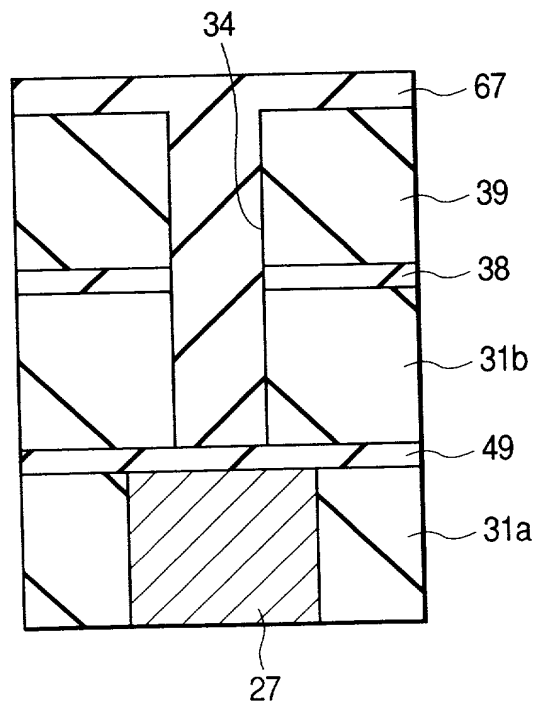


FIG. 70(a)

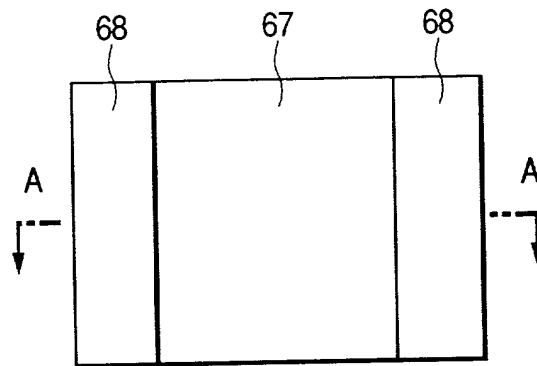


FIG. 70(b)

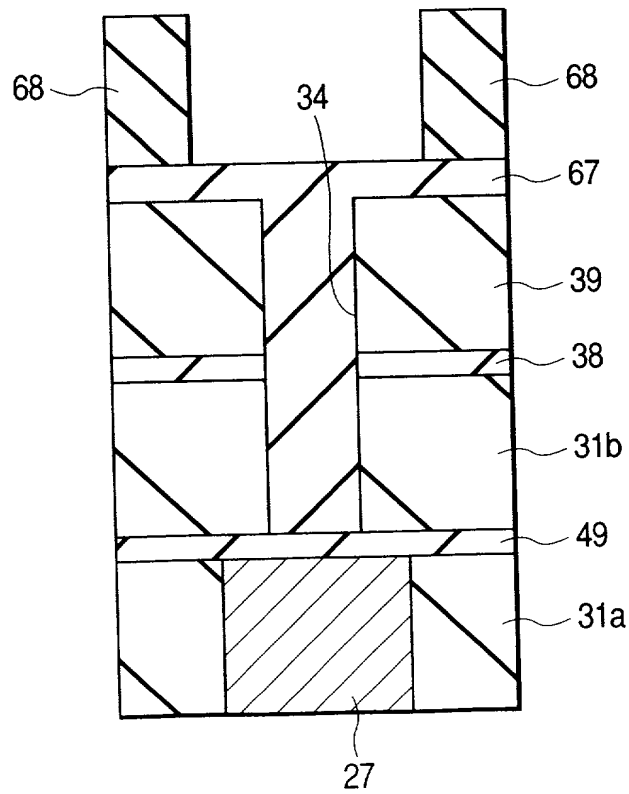


FIG. 71(a)

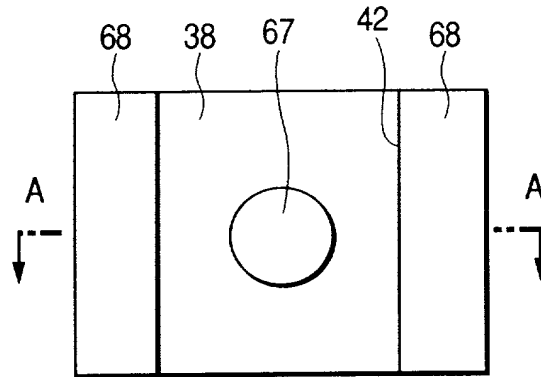


FIG. 71(b)

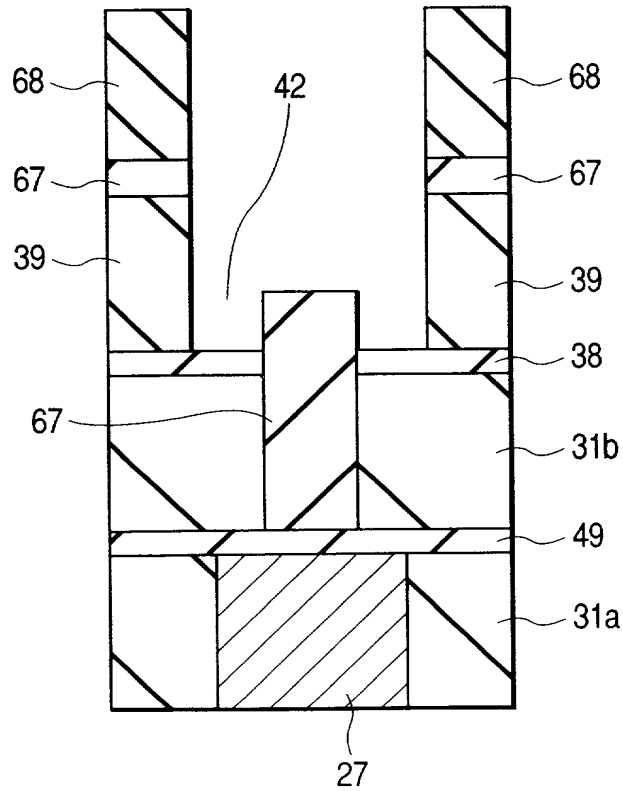


FIG. 72(a)

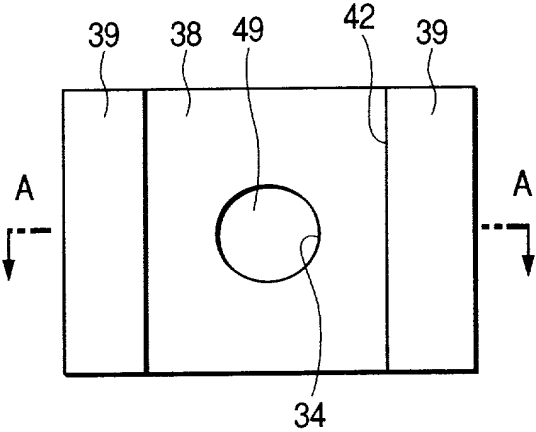


FIG. 72(b)

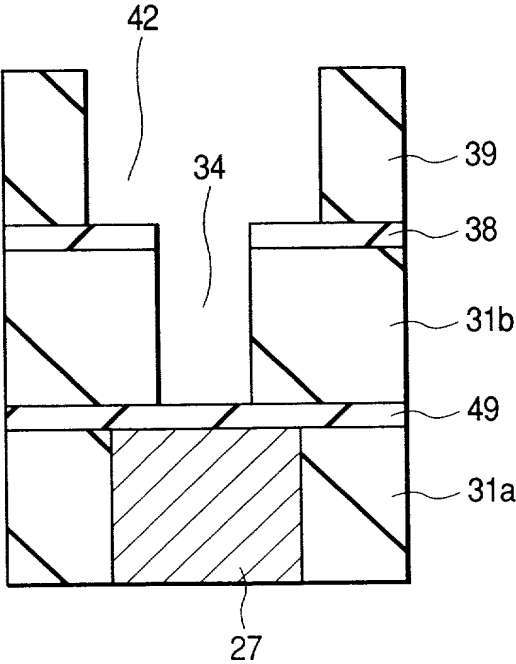


FIG. 73(a)

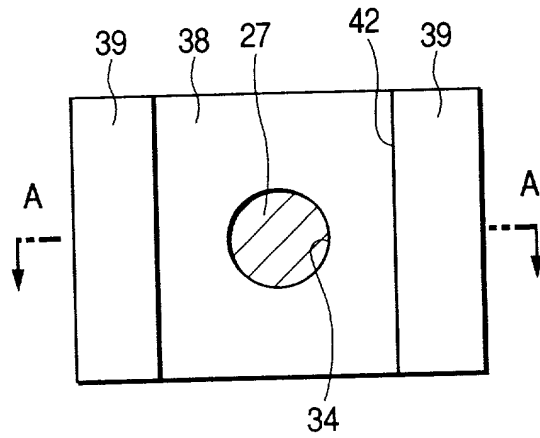


FIG. 73(b)

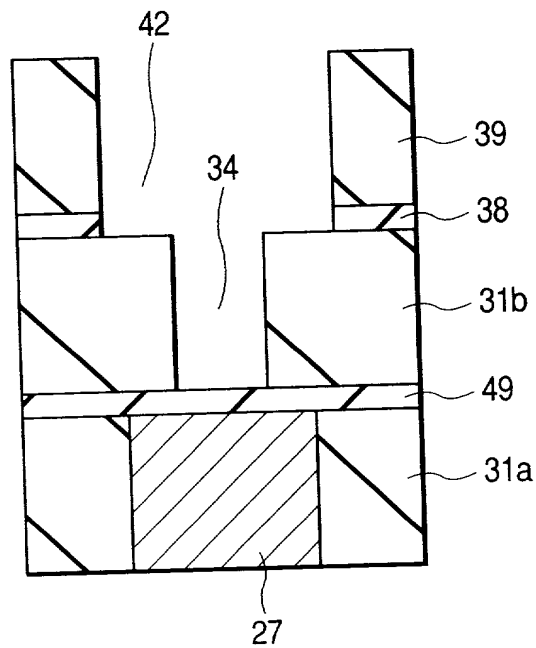


FIG. 74(a)

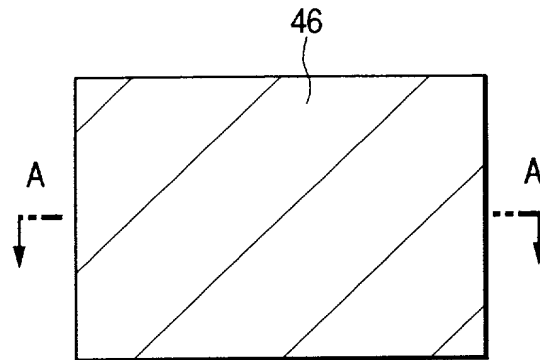


FIG. 74(b)

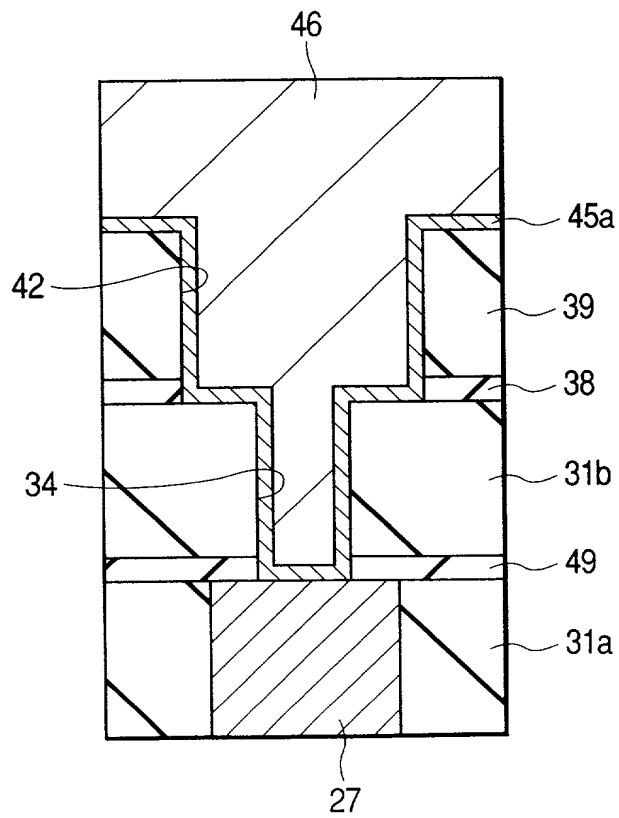


FIG. 75(a)

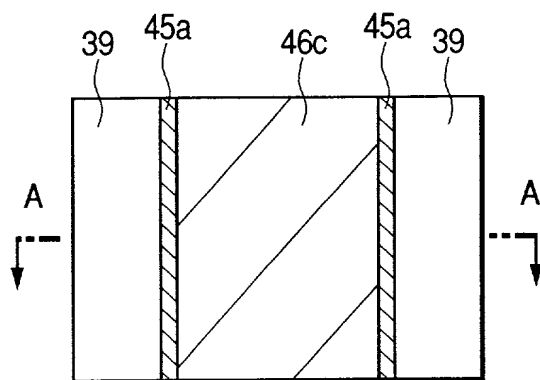


FIG. 75(b)

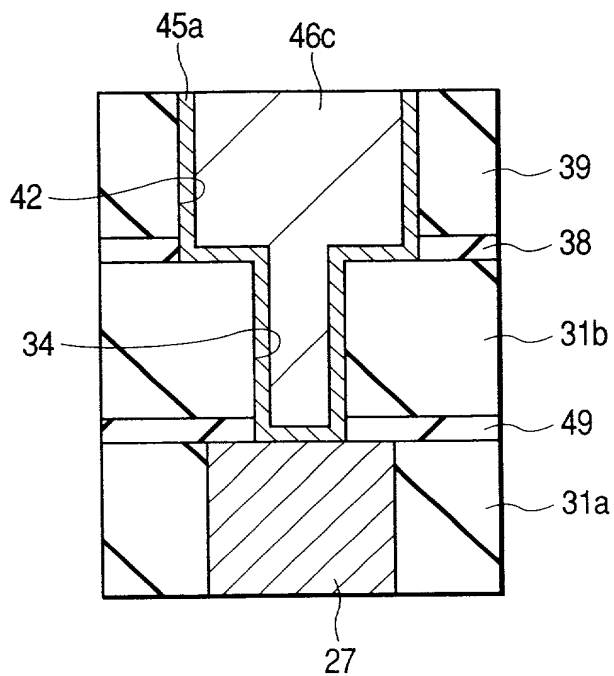


FIG. 76(a)

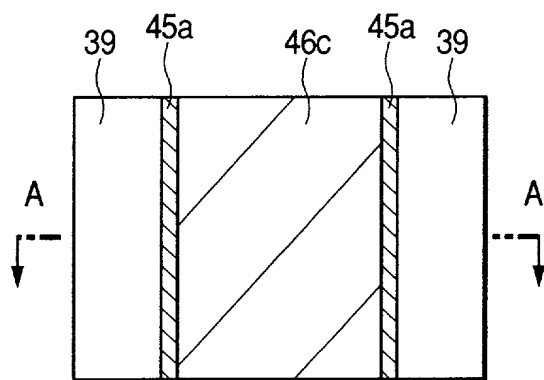


FIG. 76(b)

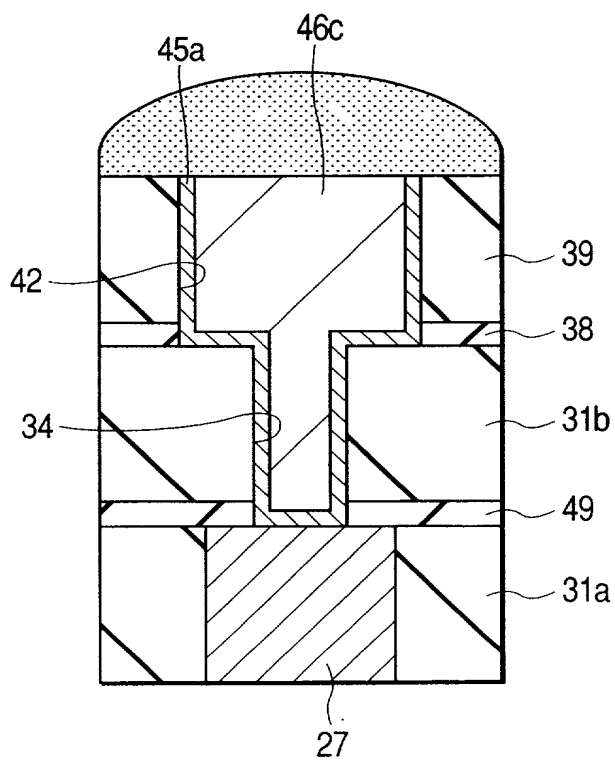


FIG. 77(a)

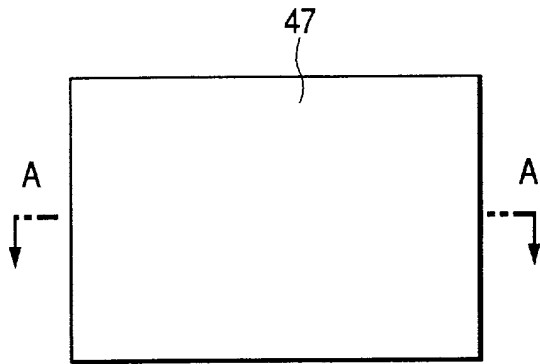


FIG. 77(b)

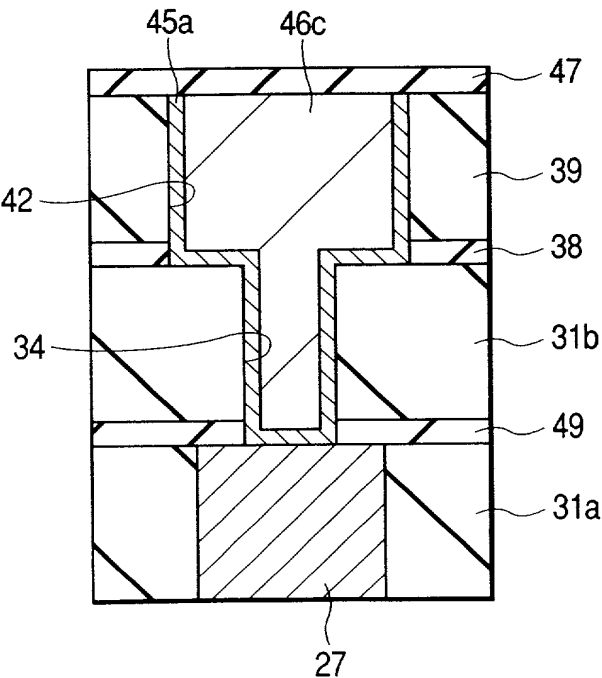


FIG. 78(a)

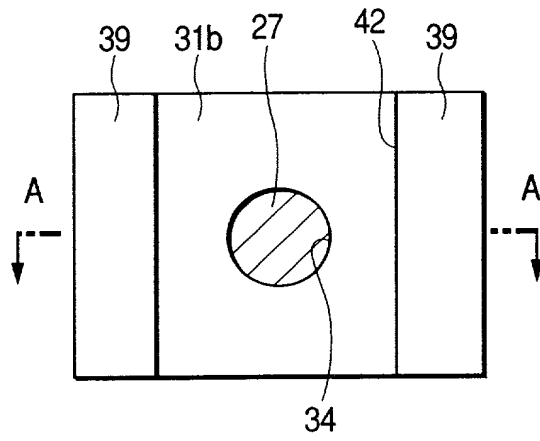


FIG. 78(b)

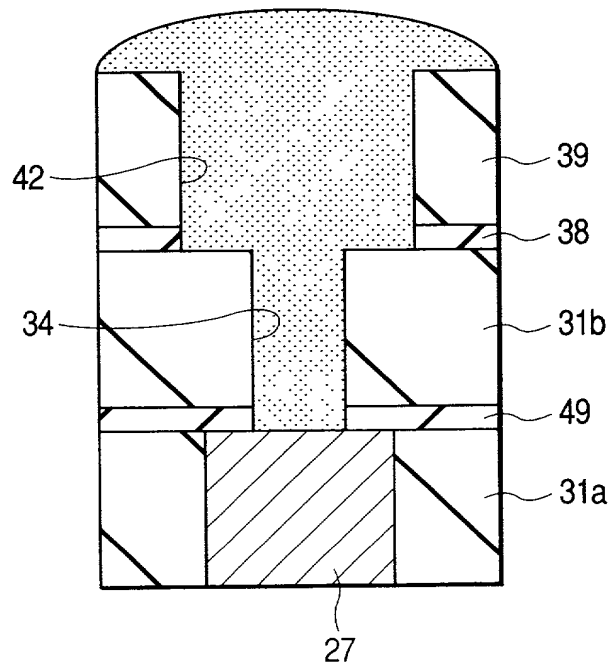


FIG. 79(a)

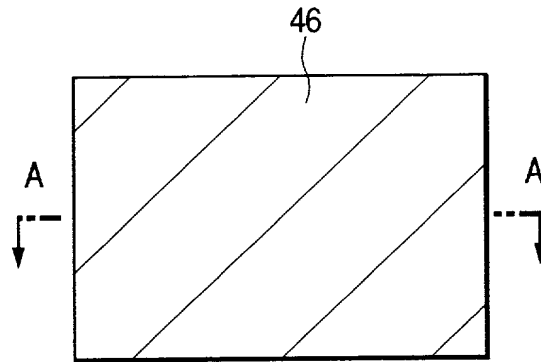


FIG. 79(b)

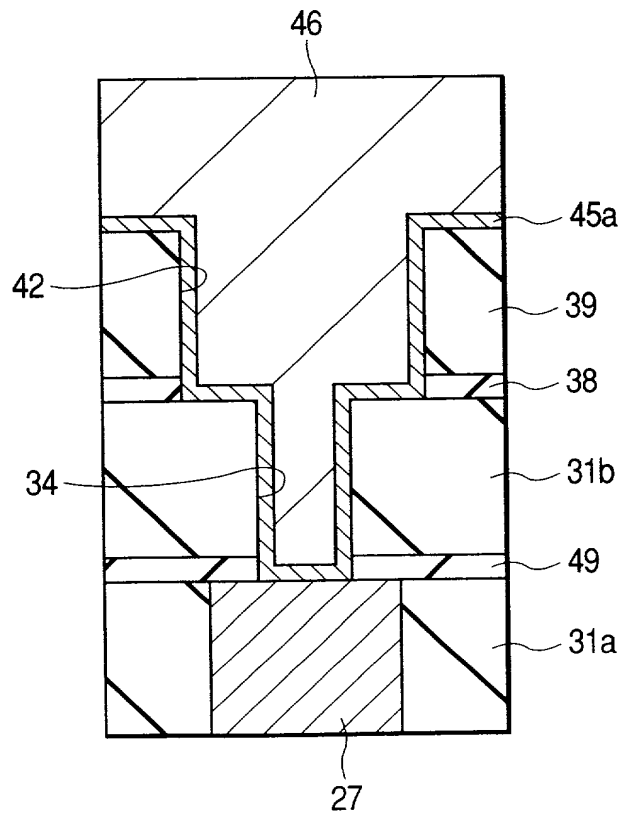


FIG. 80(a)

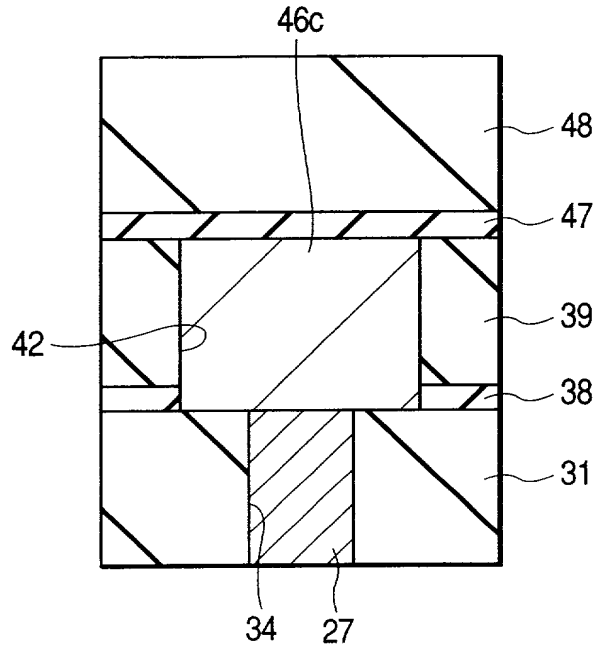


FIG. 80(b)

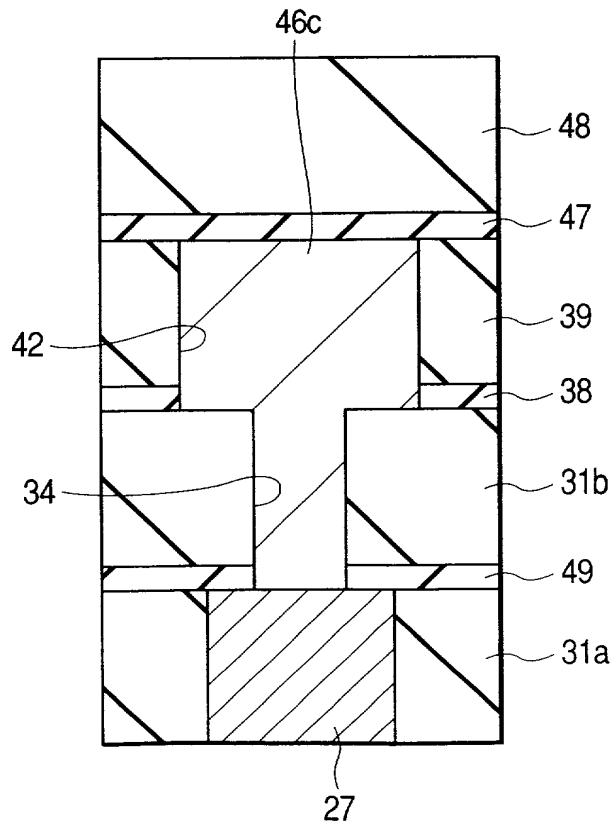


FIG. 81(a)

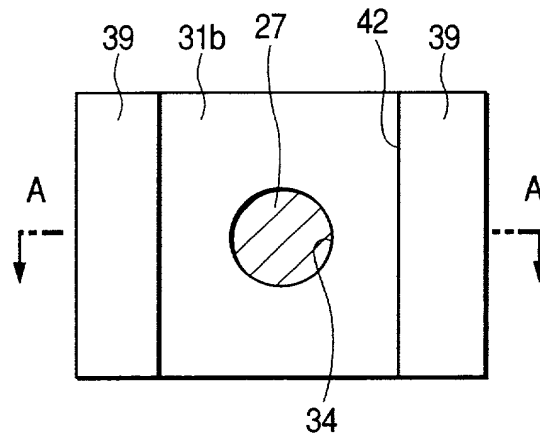


FIG. 81(b)

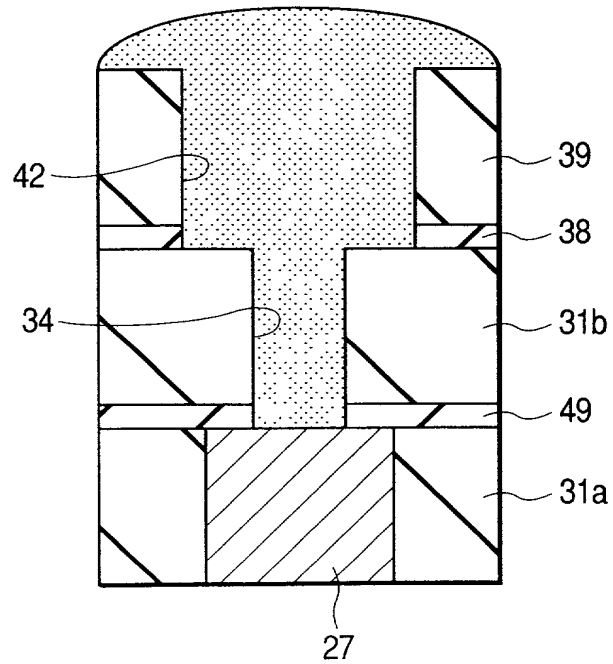


FIG. 82(a)

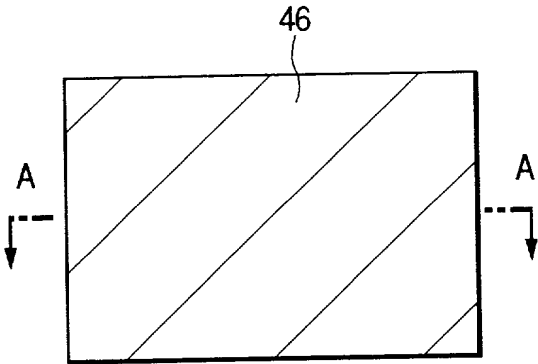


FIG. 82(b)

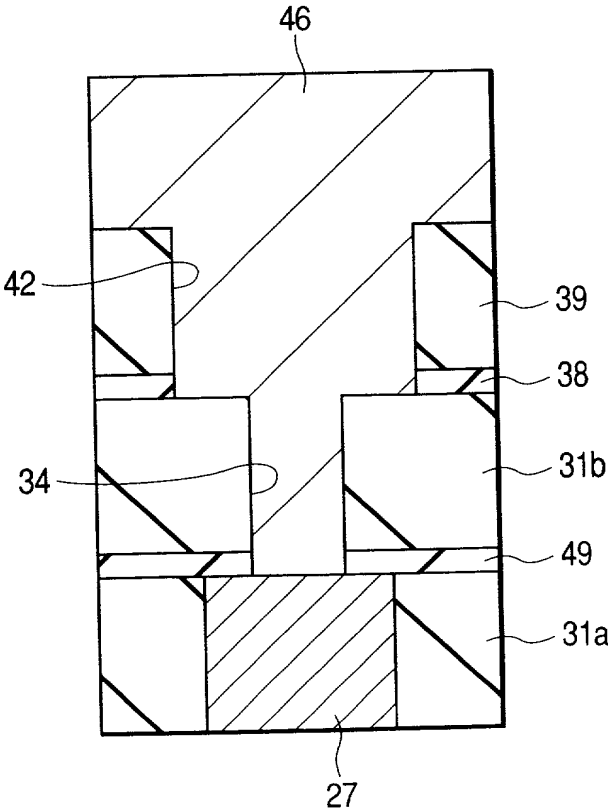


FIG. 83(a)

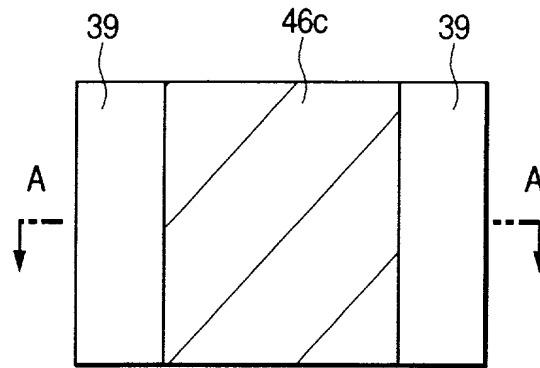


FIG. 83(b)

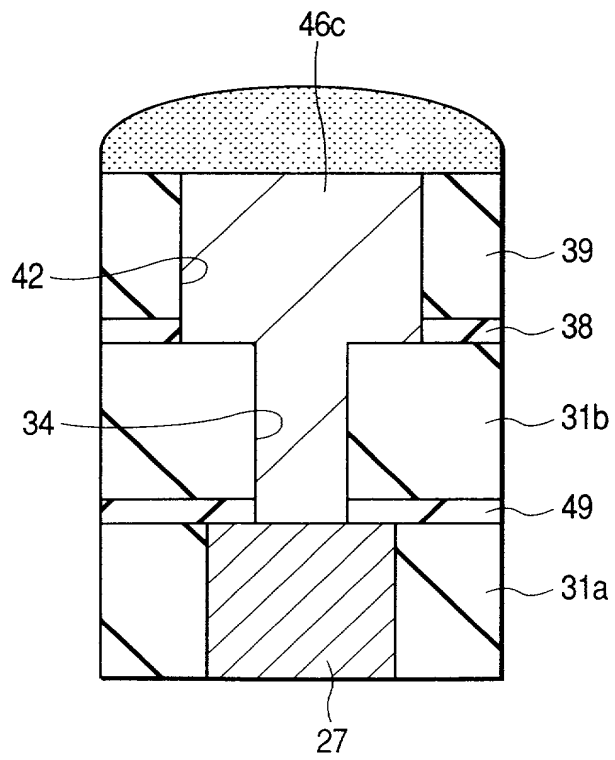


FIG. 84(a)

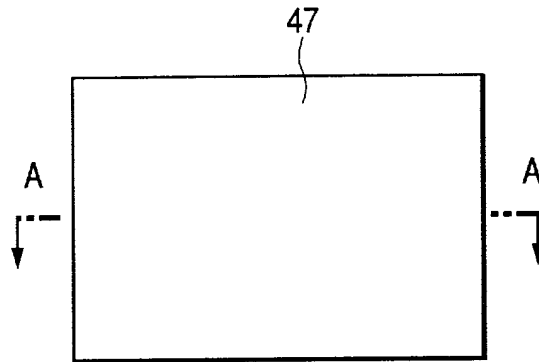


FIG. 84(b)

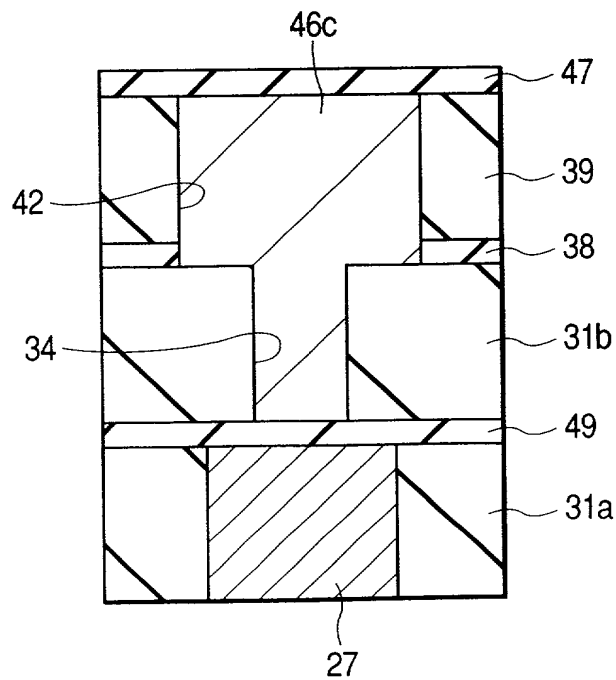


FIG. 85(a)

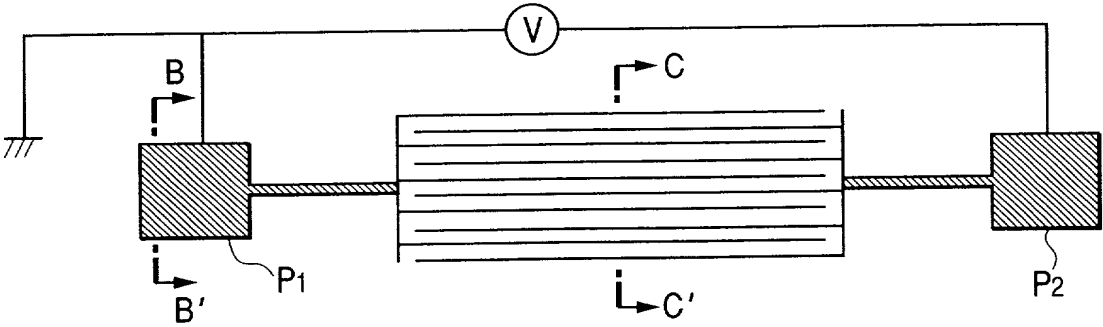


FIG. 85(b)

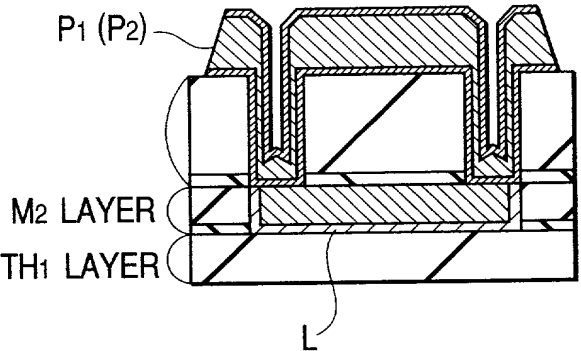


FIG. 85(c)

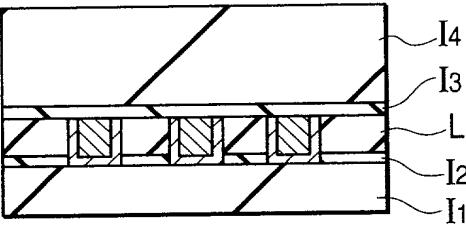


FIG. 86

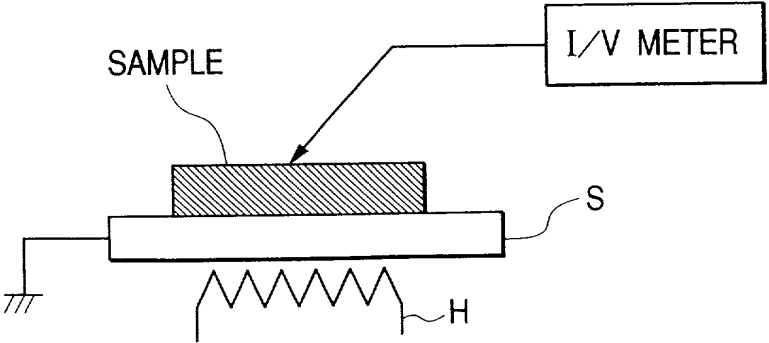


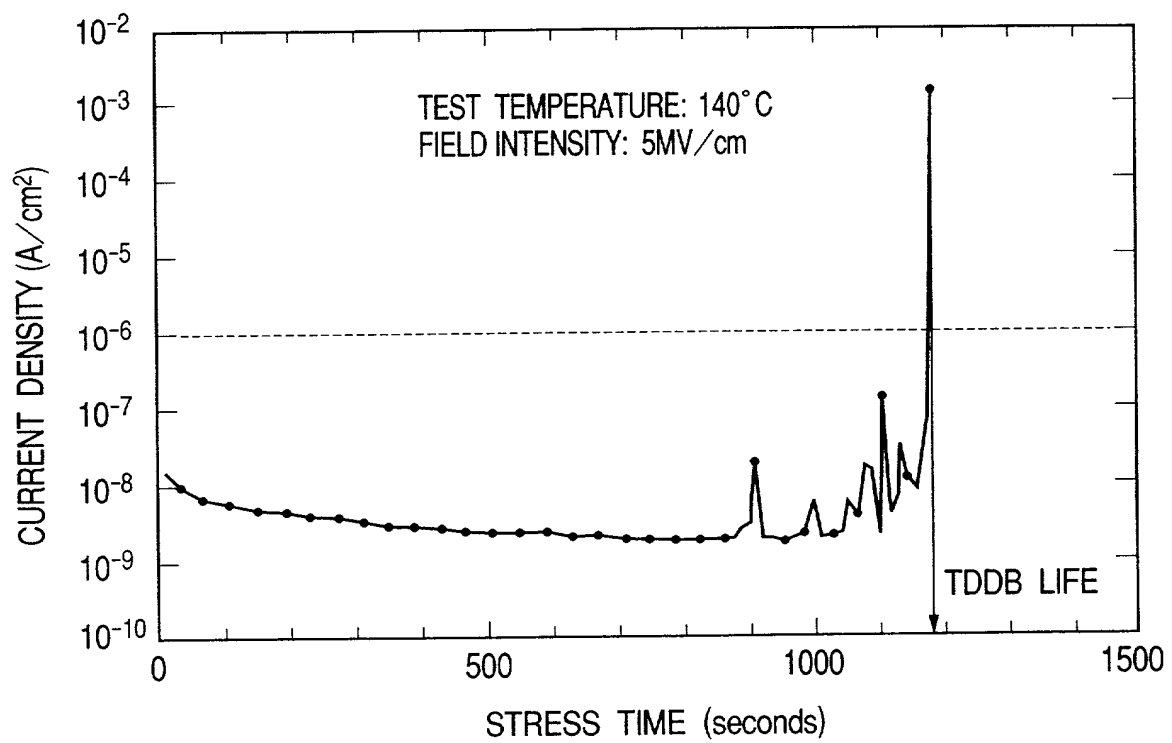
FIG. 87

FIG. 88

